最　終　報　告　書

２－｛２－［（２－エチルヘキシル）オキシ］エトキシ｝エタノール：ラットを用いた経口投与による反復投与毒性･生殖発生毒性併合試験

試験番号 R-1270

試験期間
2021 年 9 月 9 日-2022 年 3 月 23 日

試験施設
株式会社ボゾリサーチセンター　御殿場研究所
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試験委託者
厚生労働省　医薬・生活衛生局　医薬品審査管理課　化学物質安全対策室
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試験受託者
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〒151-0065　東京都渋谷区大山町 36-7

1. GLP 陳述書

試験番号　：　R-1270

試験表題　：　２－｛２－［（２－エチルヘキシル）オキシ］エトキシ｝エタノール：ラットを用いた経口投与による反復投与毒性・生殖発生毒性併合試験

本試験は以下の GLP 基準を遵守して実施した。

- 「新規化学物質等に係る試験を実施する試験施設に関する基準」（平成 23 年 3 月 31 日：薬食発 0331 第 8 号、平成 23・03・29 製局第 6 号、環保企発第 110331010 号）

[redacted] 2022 年 3 月 23 日

試験責任者
株式会社ボゾリサーチセンター　御殿場研究所

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3.　試験実施概要

3.1　試験番号

R-1270

3.2　試験表題

２－｛２－［（２－エチルヘキシル）オキシ］エトキシ｝エタノール：ラットを用いた経口投与による反復投与毒性･生殖発生毒性併合試験

3.3　試験目的

本試験は、動物に被験物質を一定期間反復投与したときに現れる被験物質の一般毒性及び生殖発生毒性に関する初期情報を得ることを目的とした。

3.4　規制に関する情報

3.4.1　GLP

- 「新規化学物質等に係る試験を実施する試験施設に関する基準」
  （平成 23 年 3 月 31 日：薬食発 0331 第 8 号、平成 23･03･29 製局第 6 号、環保企発第 110331010 号）

3.4.2　毒性試験ガイドライン

- 「新規化学物質等に係る試験の方法について：哺乳類を用いる反復投与毒性・生殖発生毒性併合試験」
  （平成 23 年 3 月 31 日付け薬食発 0331 第 7 号厚生労働省医薬食品局長、平成 23･03・29 製局第 5 号経済産業省製造産業局長、環保企発第 110331009 号環境省総合環境政策局長連名通知）（最終改正：令和 2 年 11 月 5 日）

3.4.3　動物の福祉

- 「動物の愛護及び管理に関する法律」
  （昭和 48 年 10 月 1 日法律第 105 号）
- 「実験動物の飼養及び保管並びに苦痛の軽減に関する基準」
  （平成 18 年 4 月 28 日環境省告示第 88 号）
- 「動物実験の適正な実施に向けたガイドライン」
  （日本学術会議 平成 18 年 6 月 1 日）
- 「厚生労働省の所管する実施機関における動物実験等の実施に関する基本指針について」
  （平成 18 年 6 月 1 日科発第 0601001 号）

本試験は動物実験委員会（IACUC）の承認を受けて実施した（承認番号 G210234）。

3.5　試験委託者

厚生労働省

医薬・生活衛生局　医薬品審査管理課　化学物質安全対策室

〒100-8916　東京都千代田区霞が関 1-2-2

3.6　試験受託者

株式会社ボゾリサーチセンター

〒151-0065　東京都渋谷区大山町 36-7

3.7　試験施設及び試験場所

3.7.1　試験施設

株式会社ボゾリサーチセンター　御殿場研究所

〒412-0039　静岡県御殿場市かまど 1284

3.7.2　試験場所（ホルモン測定）

株式会社ボゾリサーチセンター　つくば研究所

〒300-2611　茨城県つくば市大久保 8 番

3.8　被験物質

製造者　：[redacted]

名称　：２－{２－[（２－エチルヘキシル）オキシ]エトキシ}エタノール（略称 EHOEE）

CAS 番号　：1559-36-0

官報公示整理番号　：(7)-97（化審法）

入手日　：2021 年 7 月 30 日

3.9　試験責任者

[redacted]

株式会社ボゾリサーチセンター　御殿場研究所　研究部門

3.10　試験担当者

被験物質管理責任者　：[redacted]

試験主担当者　：

臨床検査責任者　：

病理検査責任者　：

化学分析（被験液分析

：

ホルモン測定責任者（試験主任者）*
：[redacted]
*：株式会社ボゾリサーチセンター　つくば研究所

3.11　試験日程

試験開始日　：2021年　9月　9日
被験物質配布日　：2021年　9月16日
動物入荷日　：2021年　9月13日
実験開始日（投与開始日）
：2021年10月　5日
交配開始日　：2021年10月19日
分娩開始日　：2021年11月11日
投与終了剖検日　：2021年11月16日　（雄及び非交配群）
回復開始日　：2021年11月16日
母動物剖検開始日　：2021年11月25日
回復終了剖検日　：2021年11月30日
動物試験終了日　：2021年11月30日
実験完了日（病理組織学検査終了日）
：2022年　2月　7日
試験終了日　：2022年　3月23日

3.12　試験成績の信頼性に影響を及ぼしたと思われる環境要因

本試験に関し､試験成績の信頼性に影響を及ぼしたと思われる環境要因はなかった。

3.13　予見することができなかった試験の信頼性に影響を及ぼす疑いのある事態及び試験計画書に従わなかったこと

本試験に関し、試験の信頼性に影響を及ぼす疑いのある事態及び試験計画書に従わなかったことはなかった。

3.14　資料保存

試験計画書（試験計画書変更書を含む）原本、記録文書、生データ、報告書類（最終報告書の原本を含む）及び標本（被験物質保存試料を含む）は株式会社ボゾリサーチセンター　御殿場研究所の資料保存施設に保存する。ただし、臨床検査後の残余生体試料（尿、血漿、血清）及び腟垢標本については試験終了後に廃棄する。また、固定した死産児及び死亡児については、出生率、生後4及び13日生存率に被験物質投与の影響が認められなかったため、廃棄した。資料の保存期間は試験終了後5年間とする。

ホルモン測定に関するホルモン測定計画書原本、生データ等の試験関係資料及びホ

ルモン測定報告書原本は、試験場所（株式会社ボゾリサーチセンター つくば研究所）又は試験場所指定の GLP 保存施設に保存する。なお、その期間はホルモン測定報告書作成後 5 年間とする。

試験施設と試験場所における保存期間終了後の資料の取扱いについては厚生労働省医薬・生活衛生局　医薬品審査管理課　化学物質安全対策室と株式会社ボゾリサーチセンター間で協議し、その処置を決定する。

3.15　試験責任者の署名

[redacted] 2022 年 3 月 23 日

株式会社ボゾリサーチセンター　御殿場研究所

4.　要約

２－｛２－［（２－エチルヘキシル）オキシ］エトキシ｝エタノールをコーン油に溶解させ、100、300 及び 1000 mg/kg の投与量で Sprague-Dawley 系 SPF ラット（交配群として雌雄各 12 匹/群、雌には交配を行わない非交配群として媒体対照群及び 1000 mg/kg 群に各 10 匹を追加）の雄には交配前 14 日間に加え交配期間を通して剖検前日まで（42 日間）、交配群雌には交配前 14 日間に加え交配期間及び妊娠期間を通して授乳 13 日まで（51~55 日間）、非交配群雌には 42 日間、強制経口投与し、反復投与毒性及び生殖発生毒性を検討した。更に、媒体対照群及び 1000 mg/kg 群の一部の動物（雄 5 匹と非交配群雌 5 匹）については、42 日間投与した後 14 日間の回復期間を設け、毒性変化の可逆性を検討した。なお、媒体対照群には媒体であるコーン油を投与した。

4.1　反復投与毒性

いずれの投与群においても死亡動物はみられず、一般状態、詳細な一般状態観察、機能検査、握力、自発運動量、摂餌量、血液学検査（凝固系検査を含む）及び血液化学検査には、被験物質投与の影響は認められなかった。

1000 mg/kg 群では、投与期間中に雄で体重増加の抑制、投与終了週に雄で摂水量及び尿量の高値、尿浸透圧の低値、雌で尿量、尿中 Na、K 及び Cl の高値、投与終了時に T4 濃度の低値、肝臓重量の高値、軽度な小葉中心性肝細胞肥大、交配群の雌で投与終了時に副腎、腎臓及び肝臓重量の高値、軽微又は軽度な小葉中心性肝細胞肥大、投与終了時に肝臓重量の高値、軽微な小葉中心性肝細胞肥大が認められた。

300 mg/kg 群では、交配群雌で投与終了時に副腎及び肝臓重量の高値が認められた。

回復終了時においては、上記変化は消失したことから、14 日間の回復期間により回復性が認められた。

4.2　生殖発生毒性

親動物及び児動物のいずれの検査においても、被験物質投与による影響は認められなかった。

これらの結果から、本試験条件下では、本被験物質の反復投与毒性に対する無影響量及び無毒性量は、雄でいずれも 300 mg/kg、雌でいずれも 100 mg/kg と判断した。また、生殖発生毒性に対する無影響量及び無毒性量は雄親動物、母動物及び児動物のいずれも影響が認められないことから、いずれも 1000 mg/kg と判断した。

5.　緒言

厚生労働省　医薬・生活衛生局　医薬品審査管理課　化学物質安全対策室の委託により、２－｛２－［（２－エチルヘキシル）オキシ］エトキシ｝エタノールのラットを用いた経口投与による反復投与毒性･生殖発生毒性併合試験を実施したので、その成績を報告する。

6.　試験材料及び方法

6.1　被験物質及び媒体

6.1.1　被験物質

被験物質は[redacted]から、非 GLP で実施された分析結果に基づく以下の情報とともに購入した。また、投与開始前に赤外吸収スペクトルの測定により特性を確認した（Attachment 1）。

製造者	:	[redacted]
名称	:	２－｛２－［（２－エチルヘキシル）オキシ］エトキシ｝エタノール（略称 EHOEE）
別名	:	2-[2-(2-エチルヘキシルオキシ)エトキシ]エタノール
CAS 番号	:	1559-36-0
官報公示整理番号	:	(7)-97（化審法）
構造式又は示性式	:	

分子式	:	$CH_3(CH_2)_3CH(C_2H_5)CH_2OCH_2CH_2OCH_2CH_2OH$
分子量	:	218.33
外観	:	無色澄明の液体
沸点/沸騰範囲	:	102°C
引火点	:	136°C
密度	:	0.922 g/mL（20°C）
比重	:	0.917
屈折率	:	1.442（20°C/D）
溶解性	:	[エタノール及びアセトン]可溶、[水]難溶
ロット番号	:	[redacted]
入手量	:	1500 mL
含量	:	99.7%（Capillary GC）
保存条件	:	遮光、冷所、密閉
保存方法	:	気密容器に入れ､冷蔵庫内に保存(許容範囲:1°C~10°C、実測値は許容範囲内であった）。

取扱い上の注意　：作業場の換気を十分に行い、マスク、保護眼鏡、保護手袋等の適切な保護具を着用し、直接の接触を防ぐ。取り扱い後は、手、顔等を良く洗い、うがいをする。
保存場所　：被験物質保存室及び被験物質調製室
安定性確認　：投与期間終了後に株式会社ボゾリサーチセンター 御殿場研究所で残余被験物質の赤外吸収スペクトルを確認した結果、投与期間開始前に確認したスペクトルとほぼ同様であり安定性に問題はなかった（Attachment 2）。
保存試料　：被験物質約 1 g を保存試料として保存した。
残余品の処理　：使用後の残余は全て廃棄した。

6.1.2　媒体

名称　：コーン油[注]
規格　：生化学用
メーカー　：富士フイルム和光純薬株式会社
ロット番号（有効期限）
：SKP4098（2025 年 10 月 26 日）、SKF6108（2026 年 4 月 4 日）及び LEK1635（2026 年 10 月 13 日）
保存条件　：室温
保存場所　：被験物質調製室

注：媒体は、本試験に先立って実施した「２－｛２－［（２－エチルヘキシル）オキシ］エトキシ｝エタノール：特性及び安定性試験並びに GC 法を用いた被験液中濃度測定法バリデーション及び安定性試験（媒体：コーン油）」（株式会社ボゾリサーチセンター、試験番号 A-3309）[1)]において、コーン油中での被験物質の安定性に良好な結果が得られていることから、コーン油を選択した。

6.2　媒体及び被験液の調製

6.2.1　媒体の調製

コーン油を用いた。媒体対照群の投与に用いる媒体は、被験物質を取り扱う前に 1 日必要分ずつ褐色ガラス瓶に分注し、被験液と同じ条件で保存した（許容範囲：2°C~8°C、実測値は許容範囲内であった）。

6.2.2　被験液の調製

6.2.2.1　調製方法

高用量群液（200 mg/mL）の調製に必要な被験物質をビーカーに秤取し、適量の媒体を加えて溶解した。溶解液をメスシリンダーに移し、媒体を加えて 200 mg/mL 溶液とした。中及び低用量群液（60 及び 20 mg/mL 溶液）は 200 mg/mL 溶液を段階希釈して調製した。被験液は投与用に 1 日必要分ずつ褐色ガラス瓶に分注した。

6.2.2.2　調製頻度

最大 7 日分を一括して調製し、調製後 7 日以内に使用した。

6.2.2.3　保存条件

被験液は冷蔵保存した（許容範囲：2°C~8°C、実測値は許容範囲内であった）。

6.2.2.4　安定性

株式会社ボゾリサーチセンターにおいて、２－｛２－［（２－エチルヘキシル）オキシ］エトキシ｝エタノール（ロット番号[redacted]）の 2 及び 200 mg/mL 液（媒体：コーン油）は褐色ガラス瓶で冷蔵（1°C~10°C）8 日間保存後、更に室温 24 時間保存後の安定性が確認されている（試験番号 A-3309 [1)]、Attachment 3）。

6.2.3　被験液の分析

初回投与及び雄の最終投与に使用した各濃度の被験液（任意の場所から各約 10 mL 採取）について、株式会社ボゾリサーチセンター　御殿場研究所にてガスクロマトグラフ（GC）法により濃度測定を実施した。初回投与に使用した被験液については、投与開始前に分析を行った。その結果、各濃度液における被験物質濃度の表示値に対する割合は 91.7%~101.5%であり、いずれも評価基準（濃度許容範囲：表示値に対する割合；100% ± 10%）を満たしたことから、被験液の調製に問題はなかったと判断した（Attachment 4）。なお、本測定法は株式会社ボゾリサーチセンター　御殿場研究所にて実施したバリデーション試験で確立された方法である（試験番号 A-3309）[1)]。分析法の概略を以下に示した。

1)　測定対象物質

２－｛２－［（２－エチルヘキシル）オキシ］エトキシ｝エタノール

2)　標準物質

被験物質から一部分取したものを標準物質として使用した。

名称	：	２－｛２－［（２－エチルヘキシル）オキシ］エトキシ｝エタノール
ロット番号	：	[redacted]
保存条件	：	遮光、冷所、密閉
保存方法	：	気密容器に入れ、冷蔵庫内に保存（許容範囲：1°C~10°C、実測値は許容範囲内であった）。
保存場所	：	被験物質保存室及び分析棟　分析室

3)　測定実測試料の調製

被験液を転倒混和した後、無作為に n=3 で採取し、以下の表に従い測定実測試料を用時に調製した。

被験液濃度（mg/mL）	1 次希釈		2 次希釈		希釈率
	採取量（mL）	定容量（mL）	1 次希釈液採取量（mL）	定容量（mL）	
20	1	50	1	20	1000
60	1	100	1	30	3000
200	1	100	1	100	10000

溶媒：アセトン

4) GC システム

機器名及び型式		メーカー
GC	6890N	Agilent Technologies Inc.
オートインジェクタ	7683	
データ処理ソフト	MSD Chem Station	

5) GC 測定条件

カラム : HP-1（0.32 mm I.D.× 30 m、膜厚 0.25 μm、Agilent Technologies, Inc.）
オーブン温度 : 140°C（Hold 3 min）→180°C（10°C/min、Hold 3 min）
モード（注入方式） : スプリット
スプリット比 : 20：1
注入口温度 : 140°C
キャリアガス : He
流量モード : コンスタントフローモード
流量 : 2.00 mL/min
検出器 : Flame ionization detector（FID）
検出器温度 : 200°C
H_2 流量 : 45 mL/min
Air 流量 : 360 mL/min
メイクアップ流量（N_2）
: 30 mL/min
注入量 : 1 μL

6) 測定結果の保証

(1) 再注入及び再測定

再注入及び再測定を必要とする事象はなかった。

(2) 試験計画書からの逸脱及び測定結果の信頼性に影響を与える事象

測定開始前に実施したシステム適合性の結果は判定基準を満たした。
試験計画書からの逸脱及び測定結果の信頼性に影響を与える事象はなかった。

6.3 試験系及び系統の選択理由

毒性試験ガイドラインによりげっ歯類を用いた試験が必要とされている。ラットは医薬品などの安全性試験に広く用いられており、この試験に使用される系統のラット

は特性がよく知られ、背景資料が豊富であることから選択した。

6.4 試験動物及び群分け

動物種 : ラット（SPF）
系統 : Sprague-Dawley〔Crl:CD(SD)〕
供給源 : 日本チャールス・リバー株式会社、厚木飼育センター
入荷時週齢 : 7 週齢
購入匹数 : 雄 56 匹、雌 82 匹
検疫・馴化期間 : 22 日間
投与開始時週齢 : 10 週齢
供試動物数 : 雄 48 匹、雌 68 匹
検疫・馴化期間中の観察
: 全動物について、体重測定（5 回：馴化 1、3 日、以降は週 1 回以上及び群分け日）、生死並びに体外表、栄養状態、姿勢、行動及び排泄物などの一般状態の観察（1 回/日）を実施した。詳細な一般状態の観察（詳細は 6.12.2 項参照）を検疫終了後、群分けまでの期間に実施した（1 回）。更に、雄は検疫期間終了後、群分け前までに陰嚢内の精巣の触診（1 回）及び陰茎亀頭の観察（1 回）を実施し、雌は検疫期間終了後、群分け前まで腟垢を採取して性周期を調べた（詳細は 6.12.5 項参照）。
供試動物の選択 : 検疫・馴化期間中の一般状態、詳細な一般状態の観察、入荷日から群分け日までの体重推移、精巣の触診結果及び性周期（馴化 6~19 日の 14 日間）に異常がなく、性成熟に達した陰茎亀頭であることを条件とし、健康と考えられる動物を選択した。
群分け : 上記に示した手順で選択した動物のうち、体重増加（検疫初回の体重~群分け時の体重）が順調な動物を群分け当日（投与開始前日）の体重に基づいて、各群の平均体重ができるだけ均等となるように群分けを行った。動物の割付けはコンピュータを用いたブロック・ランダム化により行った（ブロック配置により必要な群を構成し、試験群及び群内の個体番号を無作為に割当てた）。
投与開始時体重範囲 : 雄は 387 g~465 g（平均値：425 g）、雌は 222 g~279 g（平均値：250 g）であり、雌雄それぞれ平均体重の ± 20%以内であった。
余剰動物の処置 : 供試動物の選択条件を満たして余剰となった雌 9 匹は交配予備動物（無処置動物）として継続飼育し、交配群

動物の交配が終了した後、2021 年 11 月 5 日に試験から除外した。その他の残余動物の雄 8 匹、雌 5 匹は、群分け後の 2021 年 10 月 8 日に試験から除外した。なお、試験から除外された動物は、動物管理部門に移管した。

6.5 飼育条件

飼育室番号 : 909 号室及び 910 号室。検疫・馴化期間は性ごと（雄：909 号室、雌：910 号室）に収容し、群分け後は各群を 2 分割して収容した（表 1 参照）。

表 1. 飼育室の動物振り分け表（群分け後）

飼育室番号	909		910	
性	雄	雌	雄	雌
動物番号	1001~1007 2001~2007 3001~3007 4001~4007	1101~1107 2101~2107 3101~3107 4101~4107 5101~5105 6101~6105	1008~1012 2008~2012 3008~3012 4008~4012	1108~1112 2108~2112 3108~3112 4108~4112 5106~5110 6106~6110

温度 : 23°C ± 3°C

相対湿度 : 50% ± 20%

換気回数 : 1 時間 10~15 回

照明 : 1 日 12 時間（07:00~19:00）

ケージ : 床敷（コンフィネスト、株式会社ファルマ、ロット番号 15T027071）を入れたプラスチックケージ（W440 × D275 × H180 mm：株式会社羽生精密）

収容匹数 : 入荷から群分けまで；同性 2 匹/ケージ
群分け以降；雌雄とも 1 匹/ケージ
交尾成立雌；授乳 13 日まで 1 腹/ケージ

飼料 : 固型飼料 CRF-1（γ 線滅菌、オリエンタル酵母工業株式会社、ロット番号 210107、210304 及び 210602）をステンレス製給餌器に入れて自由に摂取させた。

飲料水 : 御殿場市営水道水を自動給水装置により自由に摂取させた。

環境エンリッチメント
: 動物実験委員会の指針に従って、適切な環境エンリッチメントを与えた。

6.6 飼料、床敷及び飲料水中の混入物質

下記の混入物質に関する分析報告書の結果が基準内であることを確認した。

- 飼料の分析報告書（Eurofins Food and Product Testing、供試全ロット）

- 床敷の分析報告書（一般財団法人日本食品分析センター、供試全ロット）
- 水道法に準拠した水質の分析報告書（芝浦セムテック株式会社、年 4 回）

6.7　動物の識別

小動物用耳標　：番号が刻印された小動物用耳標を入荷時に装着し、実験期間を通じてこの番号を個体識別の基本とした。

動物番号　：群分け後は、試験群、性及び群内の個体が区別できるよう、4 桁の数字を割り当てた（表 2 及び表 3 の群構成参照）。出生児については生後 13 日の体重測定時に、母動物番号に続けて性別を示すアルファベット（雄は M、雌は F）、同腹内番号を示す 2 桁の出生児番号を体重測定順に割付け、油性インクで尾に付した記号で識別した。

ケージラベル　：群分け後、各飼育ケージには投与量（群）ごとに色分けしたケージラベルを添付し、試験番号、投与経路、投与量、性別、動物番号、耳標番号、剖検予定日（雄及び非交配群の雌）、交尾成立日（交配群の雌雄）及び分娩日（交配群の雌）を明記した。ケージラベルの裏には試験番号、性別及び耳標番号のみを表示し、詳細な一般状態の観察、機能検査あるいは握力測定時には、ケージラベルを裏返して観察者への投与量の情報を制限した。

6.8　投与経路、投与期間、投与回数及び回復期間とそれらの選択理由

毒性試験ガイドラインに従い、投与経路は、経口投与を選択した。投与回数は反復投与試験で一般的に行われている 1 日 1 回（7 日/週）とした。交配群の雄及び非交配群の雌の中の回復動物については、被験物質投与に起因した変化の可逆性、持続性並びに遅発性毒性等を観察するのに適切と考えられる 14 日間の回復期間を設定し、その間休薬させた。

各群の投与期間は以下の通りとした。

交配群（雄）　：交配前 14 日間及び交配開始日から 28 日間
交配群（雌）　：交配前 14 日間及び交配開始日から授乳 13 日まで
非交配群（雌のみ）　：交配群の投与開始日から 42 日間

6.9　投与方法

投与方法は、げっ歯類の経口投与において一般的な強制経口投与とした。

投与容量は 5 mL/kg とし、フレキシブル胃ゾンデを用いて被験液を胃内に強制経口投与した（概ね午前中）。ただし、投与時に分娩途中であった場合、分娩の終了を待って投与を行った。媒体対照群には媒体（コーン油）を同様に投与した。動物ごとの投与液量（表示単位：0.1 mL）は直近の体重を基準に算出した。

6.10　投与量及び群構成

投与量は、交配群は 100、300 及び 1000 mg/kg の 3 用量とし、媒体対照群を加えた 4 群構成とした。また、非交配群は 1000 mg/kg の 1 用量とし、媒体対照群を加えた 2 群構成とした。1 群当たりの動物数は、交配群では各群で雌雄各 12 匹とし、このうち雄の媒体対照群及び高用量群の各 5 匹を回復動物とした。非交配群では各群で雌 10 匹とし、このうち各群の 5 匹を回復動物とした。群構成を表 2 及び表 3 に示す。

表 2. 群構成（雄）

試験群	投与量 (mg/kg)	被験液濃度 (mg/mL)	投与容量 (mL/kg)	交配群			
				投与終了時剖検群		回復終了時剖検群	
				動物数	動物番号	動物数	動物番号
媒体対照	0	0	5	7	1001-1007	5	1008-1012
低用量	100	20	5	12	2001-2012		
中用量	300	60	5	12	3001-3012		
高用量	1000	200	5	7	4001-4007	5	4008-4012

表 3. 群構成（雌）

試験群	投与量 (mg/kg)	被験液濃度 (mg/mL)	投与容量 (mL/kg)	交配群		非交配群			
				投与終了時剖検群		投与終了時剖検群		回復終了時剖検群	
				動物数	動物番号	動物数	動物番号	動物数	動物番号
媒体対照	0	0	5	12	1101-1112	5	5101-5105	5	5106-5110
低用量	100	20	5	12	2101-2112				
中用量	300	60	5	12	3101-3112				
高用量	1000	200	5	12	4101-4112	5	6101-6105	5	6106-6110

6.11　投与量の設定根拠

株式会社ボゾリサーチセンター実施した「２－｛２－［（２－エチルヘキシル）オキシ］エトキシ｝エタノール：ラットを用いた 14 日間反復経口投与毒性試験（投与量設定試験）（試験番号 : N-R110、投与量 : 250、500 及び 1000 mg/kg、5 匹/群/性）」[2)]では、1000 mg/kg の雄でヘモグロビン濃度の低下、雌で平均赤血球ヘモグロビン濃度の低下及びリンパ球数の増加、雌雄で肝臓重量の増加、雌で腎臓重量の増加が認められ、500 mg/kg 以上の雄でアルカリホスファターゼの低下が認められたが、雌雄ともに死亡はみられず、一般状態、体重、摂餌量及び剖検には被験物質投与による明らかな毒性変化は認められなかった。これらのことから、本試験の高用量群を、毒性試験ガイドライン〔新規化学物質等に係る試験の方法について（平成 23 年 3 月 31 日）〕に示されている最高投与限度用量である 1000 mg/kg に設定し、中用量群以下を公比約 3 で除して 300 及び 100 mg/kg に設定した。

6.12　検査及び方法

毒性評価群について検査を実施した。試験日の起算に関しては以下の通りとした。

投与開始日　：投与 1 日（Day of dosing 1、Day 1）
投与 1 日から 7 日　：投与 1 週（Week of dosing 1、Week 1）
回復開始日（投与 42 日の翌日）
：回復 1 日（Day 1 of recovery）
回復 1 日から 7 日　：回復 1 週（Week 1 of recovery）
交尾成立日　：妊娠 0 日（Gestation Day 0）
分娩終了日（出産日）
：授乳 0 日（Lactation Day 0）
出生日　：生後 0 日（Postnatal Day 0）

6.12.1　一般状態の観察

全動物について、投与期間中（交配群雌の妊娠及び授乳期間を含む）は毎日 3 回（投与前、投与直後及び投与 1~4 時間後、ただし、詳細な一般状態の観察実施日は投与前と投与直後の 2 回/日）、回復期間中は毎日 1 回（午前；07:00~12:30）、剖検日は 1 回（剖検のための動物搬出前）、それぞれ生死並びに身体の外観、排泄物（尿、糞）、栄養状態、姿勢及び行動などの一般状態における異常の有無をケージサイドから観察した。また、動物を手に持っての観察を投与 1 週は投与開始日とその翌日の最低 2 回行い、投与 2 週以降は詳細な一般状態の観察（6.12.2 参照）と兼ねて行った。

6.12.2　詳細な一般状態の観察、機能検査、握力及び自発運動量の測定

詳細な一般状態の観察は、全動物について行った（投与期間中は検査当日の投与後 1~4 時間の間に開始）。雄及び非交配群雌は投与期間中及び回復期間中毎週 1 回、交配群雌は交配前投与期間中毎週 1 回、妊娠期間中及び授乳期間中は指定された日（交尾動物は妊娠 1、7、14 及び 20 日、分娩動物は授乳 6 及び 13 日）にそれぞれ行った。

機能検査、握力測定及び自発運動量測定は、各群の 5 匹（雄の群内番号 8~12 番、交配群雌は各群の分娩順で動物番号が若い順に 5 匹[注)]、非交配群雌の群内番号 6~10 番）について行った。投与期間中は交配群雌では授乳 13 日（投与 51~53 日）に、その他は投与期間終了週（投与 37 日）に、回復期間中は媒体対照群及び高用量群の雌雄について回復期間終了週（回復 9 日）に行った。

詳細な一般状態の観察及び機能検査については、実測値あるいはスコア化した評点法を用いた。また、投与及び回復期間中の観察、検査及び測定は、観察者に対して投与量などの情報を制限（ブラインド化）し、動物をランダムに配置した状態で行った。ただし、自発運動量の測定はブラインド化しないで行った。なお、検査が複数日にわたる場合は、群の偏りがないように配慮した。

注)：交配群雌の検査対象動物を表 4 に示した。

表 4. 機能検査、握力測定及び自発運動量測定を実施した交配群雌動物

試験群	動物番号
媒体対照群	1101、1102、1104、1105、1112
低用量群	2101、2102、2105、2110、2111
中用量群	3101、3104、3107、3110、3111
高用量群	4101、4102、4103、4104、4106

6.12.2.1 詳細な一般状態の観察

1) ケージ内観察
姿勢、痙攣、異常行動
2) 手に持っての観察と症状の評価
ケージからの取り出し易さ、被毛・皮膚の状態、眼・鼻の分泌物、眼球突出、眼瞼閉鎖状態、可視粘膜、自律神経機能（流涙、流涎、立毛、瞳孔径、異常呼吸）、ハンドリングに対する反応、ハンドリング時の発声
3) オープンフィールド内観察
覚醒状態、痙攣、異常行動、常同行動、歩行、姿勢、身繕い、立ち上がり回数、排泄物（排糞数、排尿）

6.12.2.2 機能検査

詳細な一般状態観察に続いて、聴覚反応、接近反応、接触反応、痛覚反応、瞳孔反射、空中正向反射を検査した。

6.12.2.3 握力測定

機能検査に引き続き、CPU ゲージ MODEL-RX-5（アイコーエンジニアリング株式会社）を用いて前肢及び後肢の握力を測定した。

6.12.2.4 自発運動量測定

握力測定に引き続き、実験動物用自発運動センサーNS-AS01（株式会社ニューロサイエンス）を用いて自発運動量を測定した。測定時間は 1 時間とし、10 分間隔及び 0~60 分の測定値を集計した。

6.12.3 体重測定

雄及び非交配群雌は投与 1、8、15、22、29、36 及び 42 日に、回復動物は更に回復 1、8 及び 14 日に、交配群雌は投与 1、8、15 及び 22 日、妊娠 0、7、14 及び 20 日、授乳 0、4、7 及び 13 日、並びに全動物は剖検日に体重を測定した。また、投与期間中の体重増加量（雄及び非交配群雌：投与 1 日から投与 42 日、交配群雌：投与 1 日から投与 15 日、妊娠 0 日から妊娠 20 日及び授乳 0 日から授乳 13 日）及び回復期間中の体重増加量（回復 1 日から回復 14 日）を算出した。分娩が午後となった母動物の授乳 0 日の体重は午後に、剖検日は前日から約 16 時間絶食させた後、相対器官重量

算出用に搬出前に、その他は午前中（投与期間中は投与前）に測定した。妊娠 25 日未分娩動物（動物番号 1106）の剖検日の体重並びに交配期間中の雌の体重は評価の対象としないため、帳票には反映させなかった。

6.12.4　摂餌量測定

雄及び非交配群雌は投与 2、8、15、30、36 及び 42 日に、回復動物は更に回復 2、8 及び 14 日に、交配群雌は投与 2、8 及び 15 日、妊娠 1、7、14 及び 20 日並びに授乳 2、4、7 及び 13 日にそれぞれ残餌量を測定し、前日の給餌量との差から 1 匹当たりの 1 日摂餌量を算出した。また、各期間の総摂餌量（雄及び非交配群雌：投与 1 日から投与 15 日及び回復 1 日から回復 14 日、交配群雌：投与 1 日から投与 15 日、妊娠 0 日から妊娠 20 日及び授乳 0 日から授乳 13 日）を算出した。給餌量/残餌量の測定は測定日の午前中（投与期間中は投与前）に行った。

6.12.5　腟垢検査

交配群雌の全動物について、投与開始日から交尾成立まで毎日（午前）腟垢を採取して、発情前期（P）、発情期（E）、発情後期（M）及び発情休止期（D）に分類し、交配期間中は腟垢内の精子の有無も調べた。交配前投与期間中の観察結果から発情回数及び発情期から次の発情期までの日数（性周期）、観察雌動物数に対する性周期異常を示した動物数の割合を求めた。交配期間中の結果は交尾確認を目的とすることから、帳票には反映させなかった。

非交配群雌については、交配群雌の腟垢検査に異常が認められず、交尾までに要した日数あるいは交尾率に被験物質投与の影響は認められなかったことから、腟垢検査は実施しなかった。

6.12.6　交配

交配前投与期間終了後、交配群の同投与群内の個体番号が同じ雌雄を 1:1 で終夜同居させ、翌朝、腟内に腟栓形成あるいは腟垢中に精子を確認したものを交尾成立とみなした。交配開始日を 0 日と起算して交尾までに要した日数を求めた。同一雌雄による同居期間は最長 4 日間であった。

6.13　分娩及び哺育観察

6.13.1　母動物の観察

交尾成立雌動物は、妊娠 21 日から妊娠 25 日の午前まで 1 日 2 回（午前・午後）、分娩の有無並びにその終了を確認するとともに分娩状態（胎盤の処理及び出産児の状態）を観察した。交尾成立から分娩終了までを妊娠期間とし、妊娠期間を 0.5 日単位で求めた。なお、分娩終了の確認は 17:00 までとした。分娩が終了した母動物は授乳 13 日まで出生児を哺育させ、児集め、営巣及び授乳を指標として哺育状態を観察し、授乳 14 日に 6.16 項に記す検査を行った。妊娠 25 日の午前までに分娩しなかった 1

例の雌動物（動物番号 1106）は、イソフルラン吸入麻酔下で採血後、腹大動脈からの放血により安楽死させ、6.16 項に記す剖検を行った。その結果、着床は認められなかったため不妊と判断し、この動物の妊娠期間中のデータは評価から除外した。

6.13.2　出生児の観察

生後 0 日に出生児数及び死産児（含む死亡児）数を数え、これらを合わせて出産児数とした。出産児は口腔内を含む外表異常の有無を肉眼的に観察し、性別を判定した。出生児は体重を個体別に測定し、更にスライドゲージを用いて、肛門縁から生殖突起の付け根までの距離（AGD；anogenital distance、肛門生殖突起間距離）を測定（0.1 mm 単位）した後、母動物に哺育させた。死産児はブアン液で固定して保存した。

出生日から生後 13 日まで毎日 1 回、母動物の一般状態観察時に死亡児及び異常行動の有無を確認した。死亡児は異常の有無を肉眼により観察した後、ブアン液で固定して保存した。生存児は生後 0、4、7 及び 13 日に体重を個体別に測定し、各腹単位で雌雄別に平均値を算出した。また、体重増加量（生後 0 日から生後 4 日、生後 4 日から生後 7 日及び生後 4 日から生後 13 日）を算出した。生後 4 日の性別の確認及び体重測定後、1 腹当たりの哺育児数を 8 匹（可能な限り雌雄 4 匹ずつ）となるように調整した。哺育児数が 8 匹に満たない腹については調整を行わなかった。除外された出生児のうち各群分娩順の 5 腹について、腹ごとに生後 4 日除外児を無作為に選び、イソフルラン吸入麻酔下に開腹し、腹大動脈から血液（目標：合計約 0.6 mL）を無処理のサンプルチューブに注射筒を用いて採取した。血液は遠心分離（3,000 rpm、約 1,600×g、10 分間）して血清を得た。血清は、腹ごとにプールした後（約 0.2 mL）、ポリプロピレン容器に移し、ホルモン測定試験場所への送付に備え−80°C の冷凍庫（許容範囲：−70°C 以下）に保存し、試験場所に輸送した。採血した児は、残りの除外された出生児とともにイソフルラン吸入麻酔下で腹大動脈からの放血により安楽死させた後、廃棄した。

生後 13 日に全生存児の性別を確認し、雄児は乳頭/乳輪数を調べ、記録した。両性の児が存在する腹については、分娩の早い順に 5 腹を選択し、各腹から無作為に雌雄各 1 匹を選び、イソフルラン吸入麻酔下に開腹し注射筒を用いて腹大動脈から採血した（目標：合計約 2.0 mL）。採取した血液は無処理のサンプルチューブに移して遠心分離（3,000 rpm、約 1,600×g、10 分間）し、血清を得た。血清は腹ごとにプールした後、ポリプロピレン容器に分注（約 0.3 mL×3 本）し、それぞれをカラーペンで赤、青、緑に色分けして、ホルモン測定試験場所への送付時まで−80°C の冷凍庫（許容範囲：−70°C 以下）に保存した。採血した児は、残りの生存児とともにイソフルラン吸入麻酔下で腹大動脈からの放血により安楽死させ、外部生殖器の発達程度に注意を払い体外表、胸腔内及び腹腔内の主要器官・組織を肉眼的に観察した。各腹の出生児雌雄各 1 匹（出生児番号：M01 及び F01）については甲状腺を摘出してリン酸緩衝 10% ホルマリン液で固定し、重量を測定後、同固定液に保存した。甲状腺重量（絶対重量）は左右一緒に測定し、剖検日の体重に対する相対重量を算出した。

6.14　臨床検査

6.14.1　尿検査

以下の動物を検査対象とした。

投与 6 週（投与 38~39 日）

：雄及び非交配群雌の各群 5 匹（雄の群内番号 8~12 番、非交配群雌の群内番号 6~10 番）

回復 2 週（回復 10~11 日）

：回復動物の全動物

採尿器をセットしたケージに動物を個別に収容し（投与 6 週検査では投与後に収容した）、絶食・自由摂水下で 4 時間尿を、次いで自由摂食・自由摂水下でその後の 20 時間尿を採取し、表 5 に記載した項目及び方法により検査した。なお、給水には給水瓶を用いた。また、尿検査時には、前日からの 1 日当たりの摂水量（単位：mL/24h）を、給水瓶を用いて重量法で測定した（1 g = 1 mL とみなした）。

表 5. 尿検査の項目、測定法及び使用機器など

1) 4 時間尿についての検査	
検査項目	測定方法
pH	マルティスティックス試験紙 a)
タンパク質	マルティスティックス試験紙 a)
ケトン体	マルティスティックス試験紙 a)
グルコース	マルティスティックス試験紙 a)
潜血	マルティスティックス試験紙 a)
ビリルビン	マルティスティックス試験紙 a)
ウロビリノーゲン	マルティスティックス試験紙 a)
色調	肉眼観察
沈渣	鏡検法
尿量（4 時間量）注 1	容量測定（単位：mL）
2) 20 時間尿についての検査	
検査項目	測定方法
尿量（20 時間量）注 1	容量測定（単位：mL）
浸透圧	氷点降下法 b)（単位：mOsm/kg）
ナトリウム注 2	イオン選択電極法 c)（単位：mmol/24h）
カリウム注 2	イオン選択電極法 c)（単位：mmol/24h）
塩素注 2	イオン選択電極法 c)（単位：mmol/24h）
使用測定機器 a)：尿自動分析装置　クリニテック 500（Siemens Healthcare Diagnostics Inc.） b)：自動浸透圧測定装置　オズモステーション OM-6060（株式会社アークレイファクトリー） c)：臨床化学自動分析装置　TBA-120FR（キヤノンメディカルシステムズ株式会社）	
注 1：4 時間の尿量と 20 時間の尿量を合計して 24 時間の尿量（mL/24h）を算出した。 注 2：20 時間尿について濃度を測定し、測定濃度と 24 時間の尿量から 1 日当たりの排泄量を算出した。	

6.14.2 臨床検査のための採血

投与終了及び回復終了の計画剖検時に、採血針を用いて以下の表 6 に従って各検査用として別々に採血した。全動物について剖検前日（最終投与日あるいは回復 14 日）から一夜（約 16~21 時間）絶食させた。採血は雄及び交配群雌並びに非交配群雌の各群 5 匹（動物番号が若い順、ただし、交配群雌は分娩順の 5 匹）の計画剖検動物から行い、妊娠 25 日未分娩動物については、血液学、凝固系及び血液化学検査並びにホルモン測定用に可能な範囲で採血した。

表 6. 臨床検査のための採血

	血液学検査	凝固系検査	血液化学検査	ホルモン測定
絶食	前日から一夜（約 16~21 時間）絶食			
麻酔	イソフルラン吸入			
採血部位	腹大動脈			
抗凝固剤	EDTA-2K	3.8%クエン酸ナトリウム	ヘパリンナトリウム	なし
採血量	約 1 mL	0.9 mL	約 3 mL	約 4 mL
採血容器	BD Vacutainer (Becton, Dickinson and Company)	クエン酸ナトリウム溶液加容器（血液/クエン酸溶液、9/1、v/v）	ベノジェクト II ヘパリンナトリウム、5 mL 採血用（テルモ株式会社）	ベノジェクト II オートセップ 6 mL 採血用（テルモ株式会社）
試料	全血	血漿	血漿	血清
遠心条件	遠心分離は行わない	3000 rpm、約 1600 ×g、10 分間	3000 rpm、約 1600 ×g、10 分間で得られた上清を同条件で更に 1 回	3000 rpm、約 1600 ×g、10 分間

6.14.2.1　血液学検査

得られた血液について表 7 に記載した項目を検査した。また、鏡検による確認に備え、全生存例について、May-Grünwald-Giemsa 染色法による血液塗抹標本を作製したが、鏡検は実施しなかった。妊娠 25 日未分娩動物についても検査したが、その成績は帳票には反映しなかった。

表 7. 血液学検査の項目、測定法及び使用機器など

検査項目	測定方法	単位
赤血球数(RBC)	フローサイトメトリー法 a)	10^4(E4)/μL
ヘモグロビン濃度(HGB)	シアンメトヘモグロビン変法 a)	g/dL
ヘマトクリット値(HCT)	RBC 及び MCV から算出 a)	%
平均赤血球容積(MCV)	フローサイトメトリー法 a)	fL
平均赤血球ヘモグロビン量(MCH)	RBC 及び HGB から算出 a)	pg
平均赤血球ヘモグロビン濃度(MCHC)	HGB 及び HCT から算出 a)	g/dL
赤血球容積分布幅(RDW)	赤血球容積ヒストグラムの標準偏差と MCV から算出 a)	%
網赤血球数(RETIC)	フローサイトメトリー法 a)	10^9(E9)/L
血小板数(PLT)	フローサイトメトリー法 a)	10^4(E4)/μL
白血球数(WBC)	フローサイトメトリー法 a)	10^2(E2)/μL
白血球分類注	フローサイトメトリー法 a)	10^2(E2)/μL

使用測定機器
a)：総合血液学検査装置　アドヴィア 2120i（Siemens Healthcare Diagnostics Inc.）

注：リンパ球(LYMP)、好中球(NEUT)、好酸球(EOS)、好塩基球(BASO)、単球(MONO)及び大型非染色球(LUC)

血液学検査の再測定

動物番号	測定項目	理由	採用
5108	全項目	測定不良	再々測定値

6.14.2.2　凝固系検査

得られた血漿について表 8 に記載した項目を検査した。妊娠 25 日未分娩動物についても検査したが、その成績は帳票には反映しなかった。

表 8. 凝固系検査の項目、測定法及び使用機器など

検査項目	測定方法	単位
プロトロンビン時間（PT）	Coagulometric test a)	s
活性化部分トロンボプラスチン時間（APTT）	Coagulometric test a)	s
フィブリノゲン量（FIB）	Coagulometric test a)	mg/dL

使用測定機器
a)：血液凝固自動分析装置　ACL Elite Pro（Instrumentation Laboratory Corporation）

6.14.2.3　血液化学検査

得られた血漿について表 9 に記載の項目を検査した。妊娠 25 日未分娩動物についても検査したが、その成績は帳票には反映しなかった。

表 9. 血液化学検査の項目、測定法及び使用機器など

検査項目	測定方法	単位
アスパラギン酸アミノトランスフェラーゼ(AST)	UV-rate 法 a)	IU/L
アラニンアミノトランスフェラーゼ(ALT)	UV-rate 法 a)	IU/L
アルカリホスファターゼ(ALP)	Bessey-Lowry 法 a)	IU/L
γ-グルタミルトランスペプチダーゼ(γ-GTP)	L-γ-グルタミル-3-カルボキシ-4-ニトロアニリド法 a)	IU/L
総胆汁酸(TBA)	3α-ヒドロキシステロイドデヒドロゲナーゼ(3α-HSD)法 a)	μmol/L
総コレステロール(T-CHO)	CEH-COD-POD 法 a)	mg/dL
トリグリセライド(TG)	LPL-GK-GPO-POD 法 a)	mg/dL
リン脂質(PL)	PLD-ChOD-POD 法 a)	mg/dL
総ビリルビン(T-BIL)	ビリルビンオキシダーゼ法 a)	mg/dL
グルコース(GLU)	グルコースデヒドロゲナーゼ法 a)	mg/dL
尿素窒素(BUN)	Urease-LEDH 法 a)	mg/dL
クレアチニン(CRNN)	Creatininase-creatinase-sarcosine oxidase-POD 法 a)	mg/dL
ナトリウム(Na)	イオン選択電極法 a)	mmol/L
カリウム(K)	イオン選択電極法 a)	mmol/L
塩素(Cl)	イオン選択電極法 a)	mmol/L
カルシウム(Ca)	OCPC 法 a)	mg/dL
無機リン(P)	PNP-XOD-POD 法 a)	mg/dL
総タンパク質(TP)	Biuret 法 a)	g/dL
アルブミン(ALB)	BCG 法 a)	g/dL

使用測定機器
a)：臨床化学自動分析装置　TBA-120FR 形（キヤノンメディカルシステムズ株式会社）

血液化学検査の再測定

動物番号	測定項目	理由	採用
1002	γ-GTP	活性が低い旨のエラー表示	初回値
6106	γ-GTP	他試料と比べ高値	再測定値

6.15　ホルモン測定

6.15.1　血清試料の採取、測定対象、保存及び送付

1) 試料の分取と保存

6.13.2 項で得られた血清試料はサンプルチューブに分注（約 0.5 mL×3 本）し、それぞれをカラーペンで赤、青、緑に色分けして、送付時まで−80°C の冷凍庫（許容値：−70°C 以下）に保存した。容器には、試験番号、検査時期、検査項目、試料番号 、採取年月日及びサンプル名を明記したラベルを貼付した。

2) 測定対象

6.13.2 項で得られた雄及び交配群雌並びに非交配群雌の血清及び 6.13.2 項で得ら

れた生後 4 及び 13 日児動物の血清について T4（thyroxine）を測定した。なお、測定は雄及び生後 13 日の児動物の測定を優先して実施し、雄の測定結果に被験物質投与の影響と推定される異常がみられたことから、非交配群雌、授乳 14 日の母動物及び生後 4 日の児動物並びに回復動物についても測定を行った。3 本に分注した血清はそのうち 1 本（赤、青、緑の順に優先した）を測定し、残余の血清はホルモン測定用の予備として保存した。ただし、妊娠 25 日未分娩動物（動物番号 1106）は不妊であったため、この試料については測定を行わず廃棄した。

3) 試料の送付

測定に供する血清は、凍結した状態でドライアイスを同梱させ、試験場所（試験主任者宛）に送付した。

送付試料数 : 110 サンプル
（交配群雄 30 サンプル×3 本、交配群雌 20 サンプル×3 本、非交配群雌 20 サンプル×3 本、生後 13 日の児動物 20 サンプル×3 本、生後 4 日の児動物 20 サンプル）

送付日 : 2021 年 11 月 17 日（2021 年 11 月 18 日着）
；交配群雄（投与終了時）のサンプル
2021 年 12 月 2 日（2021 年 12 月 3 日着）
；上記以外のサンプル

6.15.2 T4 測定

1) ホルモン測定番号

OT-210004

2) 分析方法

RIA method（詳細は Attachment 5 参照）

3) 測定項目

甲状腺ホルモン（T4）

4) 作業・操作

測定に関する操作手順は試験場所の SOP に従った。

5) ホルモン測定報告書

試験場所においてホルモン測定報告書が作成された。試験責任者はホルモン測定報告書の PDF ファイルを入手し、当試験（R-1270）の最終報告書に添付した。また、その内容を当試験の最終報告書に反映させた。

6) 残余血清の処理

ホルモン測定終了後の残余血清は、ホルモン測定報告書作成後に試験責任者の指示に基づいて試験場所で廃棄した。

6.16 病理学検査

6.16.1 剖検

最終投与翌日及び回復期間終了日に、血液学検査、凝固系検査、血液化学検査及びホルモン測定のために採血した動物は採血後、その他の動物はイソフルラン吸入麻酔下で、腹大動脈からの放血により安楽死させ、外表及び全ての器官/組織を詳細に観察した。妊娠 25 日未分娩動物については、採血して放血安楽死させた後、剖検を行った。なお、母動物については剖検時に着床痕数を数えた。

6.16.2 器官重量測定

全動物について表 10 に示した器官の重量（絶対重量）を測定するとともに、剖検日の体重に対する相対重量を算出した。両側性の器官は左右一緒に測定した。なお、妊娠 25 日未分娩動物については、帳票には反映しなかった。

6.16.3 病理組織学検査

検査対象器官/組織を表 10 に示した。全動物について全検査対象器官/組織をリン酸緩衝 10%ホルマリン液で固定した。ただし、眼球及び視神経はリン酸緩衝 3%グルタルアルデヒド･2.5%ホルマリン液で固定、精巣及び精巣上体はブアン液で固定した後、リン酸緩衝 10%ホルマリン液で保存した。以降の検査は次の通りとした。

1) パラフィン包埋及びヘマトキシリン･エオジン（H･E）染色標本作製

以下に記載した動物の全検査対象器官/組織について標本作製した。

- 投与終了時及び回復終了時の計画剖検時に採血を実施した雄及び交配群雌並びに非交配群雌の各群 5 匹（動物番号が若い順、ただし、交配群雌は分娩順の 5 匹）
- 妊娠 25 日未分娩動物（不妊）、その交配相手雄

  ただし、甲状腺に関しては、親動物に組織学変化及び甲状腺重量の変動はみられず、被験物質投与による変化が疑われなかったため、採血を実施しなかった雄及び交配群雌並びに雌雄の生後 13 日児動物（全母体の各腹雌雄各 1 例）については、標本作製を行わなかった。

2) 鏡検

以下の通り実施した。

非腫瘍病変のグレーディングは以下の通りとした。

著変無し（Not remarkable）
軽微（Minimal）
軽度（Mild）
中等度（Moderate）
高度（Severe）

＜投与終了時剖検群＞

媒体対照群及び高用量群

：全検査対象器官/組織

中及び低用量群　：肝臓（高用量群で被験物質投与の影響が疑われたため）

＜回復終了時剖検群＞

全群　：全検査対象器官/組織

＜妊娠 25 日未分娩動物及びその交配相手雄(未分娩動物が不妊あったため)＞

全群　：全検査対象器官/組織

＜計画剖検時に採血を実施しなかった雄及び交配群雌並びに生後 13 日児動物＞

甲状腺に被験物質投与による変化が疑われなかったため、鏡検は実施しなかった。

表 10. 病理学検査対象器官/組織

組　織	病理組織	重量測定
	HE	
脳（大脳、小脳、橋）	√	√ （脳として）
延髄	√	
脊髄（胸部）	√	
坐骨神経	√*	
視神経	√*	
眼球	√*	
ハーダー腺	（保存のみ・両側）	
下垂体	√	
甲状腺	√	√ （甲状腺として）
上皮小体	√*	
副腎	√	√
胸腺	√	√
脾臓	√	√
顎下リンパ節	√*	
腸間膜リンパ節	√	
パイエル板（回腸）	√	
心臓	√	√
胸大動脈	（保存のみ）	
気管	√	
肺（気管支を含む）	√	
舌	（保存のみ）	
食道	（保存のみ）	
胃	√	
十二指腸	√	
空腸	√	
回腸	√	
盲腸	√	
結腸	√	
直腸	√	
顎下腺	√*	
舌下腺	（保存のみ・両側）	
肝臓	√	√
膵臓	√	

組　　織	病理組織	重量測定
	HE	
腎臓	√	√
膀胱	√	
精巣/卵巣	√/√	√/√
精巣上体/子宮	√/√	√/√
前立腺/腟	√/√	√/
精嚢（凝固腺含む）	√	√
乳腺（鼠径部）	√*	
胸骨	（保存のみ）	
大腿骨	√*	
胸骨骨髄	（保存のみ）	
大腿骨骨髄	√*	
大腿四頭筋	√*	
皮膚（鼠径部）	√*	
肉眼的異常部位	√	
肛門挙筋・球海綿体筋（LABC）	（重量測定のみ）	√
カウパー腺（COW）	（重量測定のみ）	√
陰茎亀頭（GP）	（重量測定のみ）	√
喉頭	（保存のみ）	
個体識別部（耳標を装着した耳介）	（保存のみ）	

各項目該当ある場合は√で示した。
*：両側を摘出し、片側を鏡検した（他の両側性器官は両側を鏡検）。

7.　データ採取に使用したコンピュータシステム

- MiTOX-BOZO システム（Version 9.3.1.1、三井 E&S システム技研株式会社）
- PATHOS5 システム（Pathology Operating Systems Ltd.）

8.　パラメータの算出

性周期異常率、交尾率、受胎率、出産率、異常児を有する母動物発現率、生後 0 及び 4 日の性比を群ごとに、妊娠期間、分娩率、出生率、外表異常率、生後 4 及び 13 日生存率を母動物（腹）ごとに、以下の式により算出した。なお、出生児の体重及び AGD については母動物ごと雌雄別に平均値を求めた。この際、AGD は生後 0 日の体重の三乗根で除して標準化（小数点以下第 1 位まで表示）した。雄生存児の乳頭/乳輪数は母動物（腹）ごとに平均値を求めた。空中正向反射は 3 回の動物ごとのトータルスコアを求めた。

性周期異常率(%) =（性周期異常を示した動物数/観察雌動物数）×100
交尾率(%) =（交尾動物数/同居動物数）×100
(雌又は雄の)受胎率(%) =〔妊娠した雌(又は雌を妊娠させた雄)の数/
　交尾した雌(又は交尾した雄)の数〕×100
出産率(%) =（生児出産雌数/妊娠雌数）×100
異常児を有する母動物発現率（%）=（異常児を有する母動物数/母動物数）×100
外表異常率(%) =（外表異常児数/出産児数）×100

生後 0 日の性比(%) =（雄出生児数/出生児数）×100
生後 4 日の性比(%) =（生後 4 日の雄生存児数/生後 4 日の生存児数）×100
妊娠期間(日) = 妊娠 0 日から分娩した日までの日数
分娩率(%) =（出産児数/着床痕数）×100
出生率(%) =（出生児数/出産児数）×100
生後 4 日生存率(%) =（生後 4 日の生存児数/出生児数）×100
生後 13 日生存率(%) =（生後 13 日の生存児数/生後 4 日調整後の児数）×100

9. 統計解析

媒体対照群と各被験物質投与群との間で検定を行った。解析には、SAS Release 9.1.3 (SAS Institute Inc.)を使用した。

1) 体重、体重増加量、摂餌量、総摂餌量、オープンフィールド内観察における排糞数と立ち上がり回数、握力及び自発運動量、尿検査の定量的項目及び摂水量、血液学検査、凝固系検査、血液化学検査及び器官重量（含、剖検時体重）、発情期発現回数、性周期（発情周期）、交尾までに要した日数、妊娠期間、着床数、出産児数、出生児数、死産児数、AGD、乳頭/乳輪数は、下記の模式図に従って検定した。

2) 分娩率、外表異常率、出生率、生存率については、群ごとに平均値及び標準偏差を求め、Wilcoxon の順位和検定を行った（有意水準 0.05 及び 0.01、両側）。

3) 性周期異常率、交尾率、雌雄の受胎率、出産率、異常児を有する母動物発現率及び児の性比については、各群の性周期異常を示した動物数、交尾動物数、雌を妊娠させた雄動物数、妊娠雌動物数、出生児出産雌動物数、異常児を有する母動物数、雌雄児数に基づき、Fisher の直接確率計算法により検定を行った（有意水準 0.05 及び 0.01、両側）。

10. 試験結果

10.1 一般状態

結果を Table 1-1~1-11、Appendix 1-1~1-32 に示した。

1) 投与期間

雄及び非交配群雌では、投与期間を通じ、いずれの動物にも異常はみられなかった。

交配群雌では、交配前、妊娠及び授乳期の各投与期間を通じ、いずれの動物にも分娩/哺育状態を含め異常はみられなかった。

2) 回復期間

回復期間を通じ、いずれの動物にも異常はみられなかった。

10.2 詳細な一般状態の観察、機能検査、握力測定及び自発運動量の測定

10.2.1 詳細な一般状態の観察

10.2.1.1 ケージ内観察

結果を Table 2-1~2-24、Appendix 2-1~2-76 に示した。

1) 投与期間

雄及び非交配群雌では、投与期間を通じ、いずれの動物にも異常はみられなかった。

交配群雌では、交配前、妊娠及び授乳期の各投与期間を通じ、いずれの動物にも異常はみられなかった。

2) 回復期間

いずれの動物にも異常はみられなかった。

10.2.1.2 手に持っての観察

結果を Table 2-25~2-86、Appendix 2-77~2-152 に示した。

1) 投与期間

雄及び非交配群雌では、投与期間を通じ、いずれの動物にも異常はみられなかった。

交配群雌では、交配前、妊娠及び授乳期の各投与期間を通じ、いずれの動物にも異常はみられなかった。

2) 回復期間

いずれの動物にも異常はみられなかった。

10.2.1.3 オープンフィールド内観察

結果を Table 2-87~2-158、Appendix 2-153~2-304 に示した。

1) 投与期間

雄及び非交配群雌では、投与期間を通じ、いずれの動物にも異常はみられなかった。

交配群雌では、交配前、妊娠及び授乳期の各投与期間を通じ、いずれの動物にも異常はみられなかった。

雌雄ともに立ち上がり回数及び排糞の個数に媒体対照群と各被験物質投与群との間に差は認められなかった。

2) 回復期間

いずれの動物にも異常はみられなかった。

雌雄ともに立ち上がり回数及び排糞の個数に媒体対照群と 1000 mg/kg 群との間に差は認められなかった。

10.2.2 機能検査

結果を Table 2-159~2-163、Appendix 2-305~2-318 に示した。

1) 投与期間終了週検査

いずれの動物にも聴覚反応、接近反応、接触反応、痛覚反応、瞳孔反射及び空中正向反射に被験物質投与に関連すると考えられる異常はみられなかった。

2) 回復期間終了週検査

いずれの動物にも聴覚反応、接近反応、接触反応、痛覚反応、瞳孔反射及び空中正向反射に被験物質投与に関連すると考えられる異常はみられなかった。

10.2.3 握力

結果を Table 2-164~2-168、Appendix 2-319~2-332 に示した。

1) 投与期間終了週測定

雄、交配群雌及び非交配群雌では、媒体対照群と各被験物質投与群との間に被験物質投与によると考えられる差は認められなかった。なお、交配群雌では、100 mg/kg 群で授乳 13 日の前肢握力に媒体対照群と比べ有意な高値が認められたが、用量に関連しない変化であり、偶発的な有意差と判断した。

2) 回復期間終了週測定

雌雄ともに媒体対照群と 1000 mg/kg 群との間に差は認められなかった。

10.2.4 自発運動量

結果を Fig. 1~5、Table 2-169~2-173、Appendix 2-333~2-346 に示した。

1) 投与期間終了週測定

雄及び交配群雌では、媒体対照群と各被験物質投与群との間に差は認められなかった。

非交配群雌では1000 mg/kg群で媒体対照群と比べ測定開始後0~10分の運動量に有意な低値が認められたが、その他の測定時点及び総運動量に異常はみられず、試験施設の背景データ〔Min.−Max.（Mean± 2S.D.）;311−447 count（401±80 count）、10試験、2016-2021年〕の範囲内であることから、生理的変動範囲内の変化で偶発的有意差と判断した。

2) 回復期間終了週測定

雌雄ともに媒体対照群と1000 mg/kg群との間に差は認められなかった。

10.3 体重

結果をFig. 6~8、Table 3-1~3-7、Appendix 3-1~3-22に示した。

1) 投与期間

雄では、投与期間を通じ、媒体対照群と各被験物質投与群との間に差は認められなかったが、1000 mg/kg群で媒体対照群と比べ投与期間中の体重増加量に有意な低値が認められた。

交配群雌では、交配前、妊娠及び授乳期の各期間中及び体重増加量を含め媒体対照群と各被験物質投与群との間に差は認められなかった。

非交配群雌では、投与期間中及び体重増加量を含め媒体対照群と 1000 mg/kg 群との間に差は認められなかった。

2) 回復期間

雄では、回復期間中及び体重増加量を含め、媒体対照群と 1000 mg/kg 群の間に有意差は認められなかった。

雌では、回復期間を通じ、1000 mg/kg群で媒体対照群との間に有意差は認められなかったが、回復期間中の体重増加量に有意な高値が認められた。しかし、高値でもあり、試験施設の背景データ〔Min.−Max.（Mean± 2S.D.）；8.01−16 g（8.0±16 g）、12試験、2016-2021年〕とほぼ同程度であることから、生理的変動範囲内の変化と考えられ、偶発的有意差と判断した。

10.4 摂餌量

結果をFig. 9~11、Table 4-1~4-9、Appendix 4-1~4-28に示した。

1) 投与期間

雄では、交配前投与期間及び総摂餌量を含め、媒体対照群と各被験物質投与群との間に差は認められなかった。

交配群雌では、交配前、妊娠及び授乳期間及び各期間中の総摂餌量を含め、媒体対照群と各被験物質投与群との間に被験物質投与に関連すると考えられる差は認められなかった。なお、媒体対照群と比べ100及び300 mg/kg群で妊娠1日に有意な高値、1000 mg/kg群で授乳7日に有意な高値が認められたが、一時的な変化であり、偶発的な有意差と判断した。

非交配群雌では、投与期間及び投与 1~15 日の総摂餌量を含め、媒体対照群と

1000 mg/kg 群との間に差は認められなかった。

2) 回復期間

雌雄ともに、回復期間及び総摂餌量を含め、媒体対照群と 1000 mg/kg 群との間に有意な差は認められなかった。

10.5 尿検査（摂水量測定を含む）

結果を Table 5-1~5-21、Appendix 5-1~5-30 に示した。

1) 投与期間終了週検査

定性項目については、いずれの動物にも異常はみられなかった。

定量項目については、雄の 1000 mg/kg 群で媒体対照群と比べ摂水量及び尿量に有意な高値、尿浸透圧に有意な低値が認められた。

非交配群雌の 1000 mg/kg 群で媒体対照群と比べ尿量、尿中 Na、K 及び Cl に有意な高値が認められた。

2) 回復期間終了週検査

定性項目については、いずれの動物にも異常はみられなかった。

定量項目については、雄の 1000 mg/kg 群で媒体対照群との間に有意な差は認められなかった。非交配群雌の 1000 mg/kg 群で媒体対照群と比べ尿中 Cl に有意な高値が認められたが、試験施設の背景データ〔Min.−Max.（Mean± 2S.D.）；1.30−2.30 mmol/24h（1.79±0.66 mmol/24h）、9 試験、2016-2021 年〕の範囲内であり、血中 Cl に変化がないことから、生理的変動範囲内の変化で偶発的有意差と判断した。その他には、いずれの検査項目においても媒体対照群と 1000 mg/kg 群との間に有意な差は認められなかった。

10.6 血液学検査（凝固系検査を含む）

結果を Table 6-1~6-5、Appendix 6-1~6-14 に示した。

1) 投与期間終了時検査

雄では、1000 mg/kg 群で媒体対照群と比べ HGB、MCHC 及び FIB に有意な低値が認められたが、いずれも試験施設の背景データ〔Min.−Max.（Mean± 2S.D.）；HGB：14.4−15.8 g/dL（1.52±0.8 g/dL）、MCHC：33.6−35.1 g/dL（34.5±0.8 g/dL）、FIB：261−371 mg/dL（296±64 mg/dL）、12 試験、2016-2021 年〕の範囲内であることから、生理的変動範囲内の変化で偶発的有意差と判断した。

交配群雌では、媒体対照群と各被験物質投与群との間に被験物質投与に関連すると考えられる差は認められなかった。なお、100 mg/kg 群で媒体対照群と比べ MCV の有意な低値、WBC、LYMP、NEUT、BASO、MONO に有意な高値が認められたが、用量との関連がないことから、偶発的有意差と判断した。

非交配群雌では、いずれの検査項目においても媒体対照群と 1000 mg/kg 群の間に差は認められなかった。

2) 回復期間終了時検査

雄では、1000 mg/kg 群で NEUT および EOS に媒体対照群と比べ有意な高値が認められたが、関連するパラメータに異常はなく、試験施設の背景データ〔Min.−Max.（Mean± 2S.D.）；NEUT：10.4−16.2 10^2/μL（12.4±3.6 10^2/μL）、EOS：0.8−1.7 10^2/μL（1.2±0.6 10^2/μL）、12 試験、2016-2021 年〕の範囲内であることから、生理的変動範囲内の変化で偶発的有意差と判断した。

雌では、1000 mg/kg 群で PT に媒体対照群と比べ有意な高値が認められたが、関連するパラメータに異常はなく、試験施設の背景データ〔Min.−Max.（Mean± 2S.D.）；10.9−15.6 s（13.3±2.6 s）、12 試験、2016-2021 年〕の範囲内であることから、生理的変動範囲内の変化で偶発的有意差と判断した。

10.7 血液化学検査

結果を Table 7-1~7-5、Appendix 7-1~7-14 に示した。

1) 投与期間終了時

雄では、媒体対照群と比べ 100 mg/kg 群で TP に有意な低値、300 mg/kg 群で GLU に有意な高値が認められたが、用量との関連がないことから、偶発的有意差と判断した。また、1000 mg/kg 群で γ-GTP の有意な高値及び BUN に有意な低値が認められたが、ごく軽微な変化であり、被験物質投与との関連のない偶発的有意差と判断した。

交配群雌では、100 mg/kg 群で媒体対照群と比べ ALP 及び P に有意な高値が認められたが、用量との関連がないことから偶発的有意差と判断した。1000 mg/kg 群で媒体対照群と比べ γ-GTP に有意な高値、Cl に有意な低値が認められたが、軽微な変動であり、試験施設の背景データ〔Min.−Max.（Mean± 2S.D.）；γ-GTP：0-2 IU/L（0.8±1.2 IU/L）、Cl：98−106 mmol/L（102.8±4.2 mmol/L）、12 試験、2016-2021 年〕の範囲内であることから、生理的変動範囲内の変化で偶発的有意差と判断した。

非交配群雌では、1000 mg/kg 群で媒体対照群と比べ γ-GTP 及び TP に有意な高値が認められたが、試験施設の背景データ〔Min.−Max.（Mean± 2S.D.）；γ-GTP：0-2 IU/L（0.7±1.4 IU/L）、TP:6.1-6.9 g/dL（6.5±0.6 g/dL）、12 試験、2016-2021 年〕と同程度であることから、生理的変動範囲内の変化と判断した。

2) 回復期間終了時

雄では、1000 mg/kg 群で媒体対照群と比べ ALT、BUN、ALB に有意な高値が認められたが、いずれも試験施設の背景データ〔Min.−Max.（Mean± 2S.D.）；ALT：32−42 IU/L（36.3±7.4 IU/L）、BUN：16−23 mg/dL（19±4 mg/dL）、ALB：3.0−3.3 g/dL（3.1±0.2 g/dL）、12 試験、2016-2021 年〕の範囲内であることから、生理的変動範囲内の変化で偶発的有意差と判断した。

雌では、いずれの検査項目においても媒体対照群と 1000 mg/kg 群との間に差は認められなかった。

10.8　血清中ホルモン濃度測定

結果をホルモン濃度測定報告書（Attachment 5）に示した。

1)　投与期間終了時

雄では、1000 mg/kg 群で媒体対照群と比べ T4 濃度に有意な低値が認められた。交配群雌（授乳 14 日の母動物）及び非交配群雌ともに、媒体対照群と各被験物質投与群との間に差は認められなかった。

2)　生後 4 日及び 13 日齢児

生後 4 日及び 13 日齢児ともに、媒体対照群と各被験物質投与群との間に差は認められなかった。

3)　回復期間終了時

雌雄ともに媒体対照群と 1000 mg/kg 群との間に差は認められなかった。

10.9　器官重量

結果を Table 8-1~8-8、Appendix 8-1~8-24 に示した。

1)　投与期間終了時

雄では、1000 mg/kg 群で媒体対照群と比べ肝臓の絶対及び相対重量に有意な高値が認められた。その他に、1000 mg/kg 群で心臓、腎臓及びカウパー腺の相対重量に有意な高値が認められたが、絶対重量に有意差はない軽微な変化であり、組織学的にも異常がないことから、媒体対照群と比べ剖検時の体重が低かったことによる偶発的変化と判断した。その他に、媒体対照群と比べ 100 mg/kg 群で副腎の絶対重量に有意な高値、100 及び 300 mg/kg 群で脳の絶対重量に有意な低値が認められたが、相対重量に有意差はなく、用量との関連もないことから生理的変動範囲内の変化で偶発的有意差と判断した。

交配群雌では、媒体対照群と比べ 300 及び 1000 mg/kg 群で肝臓の絶対及び相対重量に有意な高値、1000 mg/kg 群で腎臓の絶対及び相対重量に有意な高値が認められた。また、媒体対照群と比べ 300 mg/kg 群で副腎の絶対及び相対重量に有意な高値、1000 mg/kg 群で副腎の相対重量に有意な高値が認められた。

非交配群雌では、1000 mg/kg 群で媒体対照群と比べ肝臓の絶対及び相対重量に有意な高値が認められた。

2)　回復期間終了時

雄では、1000 mg/kg 群で媒体対照群と比べ副腎の絶対及び相対重量に有意な高値が認められた。その他、媒体対照群と比べ 1000 mg/kg 群で前立腺及び肛門挙筋・球海綿体筋の絶対重量に有意な低値が認められたが、相対重量に有意差はなく、試験施設の背景データ〔Min.−Max.（Mean± 2S.D.）；前立腺：1.19−1.91 g（1.45±0.38 g）、10 試験、肛門挙筋・球海綿体筋：1.56−1.83 g（1.71±0.18 g）、8 試験、2016-2021 年〕の範囲内であることから、生理的変動範囲内の変化で偶発的な有意差と判断した。

雌では、いずれの器官重量においても媒体対照群と 1000 mg/kg 群との間に差は

認められなかった。

10.10 剖検所見

結果を Table 9-1~9-6、Appendix 9-1~9-116 に示した。

被験物質投与によると考えられる変化が肝臓（大型化）にみられた。その他、いくつかの器官・組織に肉眼的変化がみられたが、その病理学的性状又は発現状況から動物種、週齢から自然発生病変もしくは偶発性変化と考えられた。

1) 投与期間終了時検査

雄では、1000 mg/kg 群で肝臓の大型化が 1/7 例みられた。

交配群雌及び非交配群雌では、いずれの動物にも被験物質投与の影響と考えられる肉眼所見はみられなかった。

2) 回復期間終了時検査

雌雄ともに、いずれの動物にも被験物質投与の影響と考えられる肉眼所見はみられなかった。

3) 妊娠 25 日未分娩動物

妊娠 25 日までに分娩しなかった媒体対照群の 1 例（動物番号 1106）では、いずれの器官・組織にも肉眼的異常はみられなかった。

10.11 病理組織学検査

結果を Table 10-1~10-20、Appendix 9-1~9-116 に示した。

被験物質投与によると考えられる変化が肝臓（小葉中心性肝細胞肥大）にみられた。その他、いくつかの器官・組織に組織学的変化がみられたが、その病理学的性状又は発現状況から動物種、週齢から自然発生病変もしくは偶発性変化と考えられた。

1) 投与期間終了時検査

雄では、1000 mg/kg 群で軽度な小葉中心性肝細胞肥大が 3/5 例みられた。

交配群雌では、1000 mg/kg 群で軽微又は軽度な小葉中心性肝細胞肥大が 5/5 例みられた。

非交配群雌では、1000 mg/kg 群で軽微な小葉中心性肝細胞肥大が 5/5 例みられた。

2) 回復期間終了時検査

雌雄ともに、被験物質投与の影響と考えられる異常はみられなかった。

3) 妊娠 25 日未分娩動物及びその交配相手雄

妊娠 25 日未分娩動物（動物番号 1106）及び不妊であった雌の交配相手雄（動物番号 1006）では、特記すべき変化はみられず、不妊の原因と考えられる組織学的変化もみられなかった。

10.12 性周期

結果を Table 11、Appendix 10-1~10-8 に示した。

性周期異常率、発情期像発現回数及び平均性周期（発情周期）には、媒体対照群と各被験物質投与群との間に差は認められなかった。

10.13 交配成績

結果を Table 12-1 及び 12-2、Appendix 11-1~11-8 に示した。

全ての組み合わせは交配 4 日までに交尾が成立し、交尾までに要した日数、交尾率及び受胎率には媒体対照群と各被験物質投与群との間に差は認められなかった。

なお、妊娠 25 日に至っても未分娩であった媒体対照群の 1 例は着床を確認できず不妊であった。

10.14 分娩成績並びに分娩及び哺育状態

結果を Table 13、14、Appendix 12-1~12-4、13-1~13-4 並びに Table 1-5~1-6、Appendix 1-17~1-24 に示した。

分娩成績では、妊娠期間、出産率、着床痕数、分娩率、出生率、出産児数、出生児数、性比（生後 0 日）及び死産児数に媒体対照群と各被験物質投与群との間で差は認められなかった。外表異常児は媒体対照群で口唇裂が 1 例、300 mg/kg 群で曲尾が 1 例みられたが、発現頻度は低く、発現状況に用量との関連もないことから、自然発生と判断した。

妊娠 25 日に至っても未分娩であった媒体対照群の 1 例を除き、妊娠 21.5 から 23.0 日に全例が分娩し、胎盤及び羊膜の処理は正常に行われた。哺育状態では、いずれの母動物にも児集め、営巣及び授乳行動に異常はみられなかった。

10.15 出生児の Anogenital Distance (AGD)

結果を Table 15、Appendix 14-1~14-4 に示した。

生後 0 日の AGD には、雌雄とも媒体対照群と各被験物質投与群との間に差は認められなかった。

10.16 出生児の生存性

結果を Table 16、Appendix 15-1~15-4 に示した。

生後 4 及び 13 日の生存児数及び生存率には、媒体対照群と各被験物質投与群との間に差は認められなかった。

10.17 出生児の性比

結果を Table 17、Appendix 16-1~16-4 に示した。

生後 4 日の性比には、媒体対照群と各被験物質投与群との間に差は認められなかった。

10.18　出生児の体重

結果を Table 18-1 及び 18-2、Appendix 17-1~17-8 に示した。

出生児の雌雄体重並びに生後 0~4、4~7 及び 4~13 日の間の体重増加量には、媒体対照群と各被験物質投与群との間に差は認められなかった。

10.19　死亡児の肉眼観察所見

結果を Table 19、Appendix 18-1~18-4 に示した。

いずれの死亡児にも肉眼的異常はみられなかった。

10.20　雄出生児の乳頭/乳輪数

結果を Table 20、Appendix 19-1~19-4 に示した。

雄出生児の乳頭/乳輪はいずれの動物も確認できず、乳頭/乳輪数に媒体対照群と各被験物質投与群との間に差は認められなかった。

10.21　出生児の生後 13 日剖検所見

結果を Table 21、Appendix 20-1~20-4 に示した。

いずれの動物にも肉眼的異常はみられなかった。

10.22　出生児の器官重量

結果を Table 22-1 及び 22-2、Appendix 21-1~21-8 に示した。

雌雄ともに、甲状腺の絶対及び相対重量には媒体対照群と各被験物質投与群との間に有意な差は認められなかった。

11.　考察及び結論

２－｛２－［（２－エチルヘキシル）オキシ］エトキシ｝エタノールの 0（対照群：コーン油）、100、300 及び 1000 mg/kg を Sprague-Dawley 系 SPF ラットの雄には交配前 14 日間に加え交配期間を通して剖検前日まで（42 日間）、交配群雌には交配前 14 日間に加え交配期間及び妊娠期間を通して授乳 13 日まで（51~55 日間）、非交配群雌には 42 日間、それぞれ強制経口投与し、反復投与毒性及び生殖発生毒性を検討した。更に、0 及び 1000 mg/kg 群の一部の動物については、雌雄ともに 42 日間投与した後 14 日間の回復期間を設け、毒性変化の可逆性を検討した。

11.1　反復投与毒性

いずれの投与群においても死亡動物はみられず、一般状態、詳細な一般状態観察、機能検査、握力、自発運動量、摂餌量及び血液学検査（凝固系検査を含む）及び血液化学検査には、被験物質投与の影響は認められなかった。

体重では、雄の 1000 mg/kg 群で投与期間中に体重増加の抑制が認められた。

尿検査では、投与終了週に雄の 1000 mg/kg 群で摂水量及び尿量の高値、尿浸透圧

の低値、非交配群雌の 1000 mg/kg 群で尿量、尿中 Na、K 及び Cl の高値が認められたが、血液濃縮はみられず、血中 Na、K 及び Cl、腎臓の組織学的検査に異常がなく、かつ非交配群雌の背景データ〔Min.−Max.（Mean± 2S.D.）；尿量：7.9-13.4 mL/24h（9.9±3.4 ml/24h）、尿中 Na：0.90−1.40 mmol/24h（1.07±0.36 mmol/24h）、尿中 K：1.70−3.00 mmol/24h （ 2.20±0.90 mmol/24h ） 、 尿 中 Cl ： 1.20−1.90 mmol/24h（1.52±0.54 mmol/24h）、9 試験、2016-2021 年〕の範囲内であることを考え合わせると、これら変化は摂水量の高値に伴う生体の正常反応であり、毒性学的意義はないと判断した。上記変化は回復期間終了時に消失し、回復性が示唆された。

血清中ホルモン（T4）濃度測定では、雄の 1000 mg/kg 群で低値が認められたが、背景データ〔Min.−Max.（Mean± 2S.D.）；T4：28.3−42.5 ng/mL（32.4±11 ng/mL）、6 試験、2017-2021 年〕のほぼ同程度であり、甲状腺重量に異常はなく、下垂体及び甲状腺の組織学検査に異常ないこと、肝臓に小葉中心性肝細胞肥大が認められていることを考え合わせると、肝臓における T4 の分解・排泄促進の可能性が考えられ、全身状態に影響はないことから、毒性学的意義は低い考えられたが、毒性影響である可能性を否定できなかった。上記変化は回復期間終了時に消失し、回復性が示唆された。

病理学検査では、投与期間終了時において、交配群雌の 300 mg/kg 群、雄、交配群雌及び非交配群雌の 1000 mg/kg 群で肝臓重量の高値、雄の 1000 mg/kg 群の 1 例で肝臓の大型化がみられた。組織学的には雄、交配群雌及び非交配群雌の 1000 mg/kg 群全例で軽微又は軽度な小葉中心性肝細胞肥大が認められ、被験物質投与の影響が示唆された。しかし、血液化学検査では肝機能に関するパラメータに被験物質投与の影響が認められないことから、小葉中心性肝細胞肥大は被験物質に対する適応性の可能性が考えられた [3)]。これらの変化は、回復期間終了時に消失したことから、回復性が示唆された。なお、肝臓の変化は類似物質の 2-[(2-エチルヘキサン-1-イル)オキシ]エタノールのラットにおける反復投与毒性・生殖発生併合試験 [4)]にも認められている。

その他に、投与期間終了時において、交配群雌の 1000 mg/kg 群で腎臓重量の高値、300 mg/kg 群で副腎重量の高値、1000 mg/kg 群で副腎の相対重量のみに高値が認められたが、組織学的に異常がないことから、毒性学的意義は低いと考えられたが、毒性影響である可能性を否定できなかった。回復期間終了時には上記変化は消失した。なお、腎臓重量の高値は 14 日間の予備試験 [2)]においても雌の 1000 mg/kg 群で認められ、本試験で再現性がみられたものの、投与期間が約 3 倍の本試験においても組織学的異常を惹起しない極めて軽微な影響と判断した。

また、雄の 1000 mg/kg 群で副腎重量の高値が認められたが、投与期間終了時にみられない変化であり、副腎の組織学的検査に異常ないこと、背景データ〔Min.−Max.（Mean± 2S.D.）；絶対重量：53−69 mg（62±10 mg）、相対重量：9−12 mg/100 gBW（11±2 mg/100 gBW）、10 試験、2016-2021 年〕と大差ないことから、毒性学的意義は低いと考えられたが、毒性影響である可能性を否定できなかった。

11.2　生殖発生毒性

1000 mg/kg 群においても雌雄動物の生殖機能に関するパラメータに被験物質投与の影響は認められないことから、雌雄動物の交尾能、授精能及び受胎能、母動物の妊娠維持、分娩及び哺育行動などへの影響はないと判断した。

1000 mg/kg 群においても、出生児のいずれの検査項目にも被験物質投与による影響は認められないことから、児の子宮内発生、生後の発育及び分化並びに生存性などへの影響はないと判断した。

これらの結果から、本試験条件下で２－｛２－［（２－エチルヘキシル）オキシ］エトキシ｝エタノールをラットに反復経口投与することにより、被験物質に起因すると考えられる主な変化として、投与終了時に 300 mg/kg 群の交配群雌で副腎及び肝臓重量の高値、1000 mg/kg 群の雄で体重増加の抑制、摂水量の高値、T4 濃度の低値、肝臓重量の高値、軽度な小葉中心性肝細胞肥大、交配群雌及び非交配群雌で肝臓重量の高値、軽微又は軽度な小葉中心性肝細胞肥大が認められた。

したがって、本被験物質の反復投与毒性に対する無影響量及び無毒性量は、雄でいずれも 300 mg/kg、雌でいずれも 100 mg/kg と判断した。一方、生殖発生毒性に対する無影響量及び無毒性量は、雄親動物、母動物及び児動物のいずれも被験物質の影響が認められないことから、いずれも 1000 mg/kg と判断した。

12.　参考文献

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成績書番号：R1270-特性

試験成績書
２－｛２－［（２－エチルヘキシル）オキシ］エトキシ｝エタノールの特性

試験番号　：R-1270
被験物質　：２－｛２－［（２－エチルヘキシル）オキシ］エトキシ｝エタノール
ロット番号　：[redacted]
保存条件　：遮光、冷所、密閉
試験施設　：株式会社ボゾリサーチセンター　御殿場研究所
測定日　：2021 年 9 月 16 日（投与期間開始前）

測定項目　：赤外吸収スペクトル（ATR 法）

結果　：

GLP　：「新規化学物質等に係る試験を実施する試験施設に関する基準」（平成 23 年 3 月 31 日：薬食発 0331 第 8 号、平成 23・03・29 製局第 6 号、環保企発第 110331010 号）

[redacted]　2021 年 9 月 17 日

化学分析責任者
株式会社ボゾリサーチセンター　御殿場研究所

成績書番号：R1270-安定性-1/2

試験成績書
２－｛２－［（２－エチルヘキシル）オキシ］エトキシ｝エタノールの安定性

試験番号　：R-1270
被験物質　：２－｛２－［（２－エチルヘキシル）オキシ］エトキシ｝エタノール
ロット番号　：[redacted]
保存条件　：遮光、冷所、密閉
試験施設　：株式会社ボゾリサーチセンター　御殿場研究所
測定日　：2021 年 9 月 16 日（投与期間開始前）
2021 年 12 月 14 日（投与期間終了後）

測定項目　：赤外吸収スペクトル（ATR 法）

判定基準　：投与期間終了後のスペクトルを投与期間開始前のスペクトルと比較し、同等（主な吸収について、同一の波数域に同様の強度の吸収を認める）であること。

結果　：投与期間開始前のスペクトルと同等であった。
赤外吸収スペクトルは次ページに示す。

判定　：適

GLP　：「新規化学物質等に係る試験を実施する試験施設に関する基準」（平成 23 年 3 月 31 日：薬食発 0331 第 8 号、平成 23･03･29 製局第 6 号、環保企発第 110331010 号）

[redacted]　2021 年　12 月　23 日
化学分析責任者
株式会社ボゾリサーチセンター　御殿場研究所

成績書番号：R1270-安定性-2/2

試験成績書
２－｛２－［（２－エチルヘキシル）オキシ］エトキシ｝エタノールの安定性

試験番号　　：R-1270

投与期間開始前

投与期間終了後

成績書番号：A3309-被験液

試験成績書
被験液中２－｛２－［（２－エチルヘキシル）オキシ］エトキシ｝エタノールの安定性試験

試験番号　：A-3309
被験物質　：２－｛２－［（２－エチルヘキシル）オキシ］エトキシ｝エタノール
ロット番号　：[redacted]
媒体　：コーン油
形態　：溶液

測定対象物質　：２－｛２－［（２－エチルヘキシル）オキシ］エトキシ｝エタノール

保存条件　：褐色ガラス瓶にて、遮光、冷蔵（許容値：1°C~10°C）及び非遮光、室温（許容値：1°C~30°C）で保存。
保存期間　：冷蔵で 8 日間保存後、室温で 24 時間保存。

判定基準　：残存率［初期値（調製日）の平均値（100%）に対する保存後の測定濃度の平均値の割合］が 100.0% ± 10.0% 以内。

結果：

調製濃度 (mg/mL)	試料番号		測定濃度 (mg/mL) 初期値（調製日）	測定濃度 (mg/mL) 保存後
2.00	1		2.10	2.15
	2		2.14	2.01
	3		2.03	2.07
		平均値	2.09	2.08
		残存率（%）	(100)	99.5
200	1		216	210
	2		203	210
	3		206	208
		平均値	208	209
		残存率（%）	(100)	100.5

判定　：適

GLP　：「新規化学物質等に係る試験を実施する試験施設に関する基準」（平成 23 年 3 月 31 日：薬食発 0331 第 8 号、平成 23・03・29 製局第 6 号、環保企発第 110331010 号）

[redacted]　2021 年 9 月 10 日

試験責任者
株式会社ボゾリサーチセンター　御殿場研究所

分析結果

試験番号　:　R-1270
測定項目　:　濃度
ステージ　:　初回投与

測定日　:　2021 年 9 月 30 日

測定試料
　被験物質　:　２－｛２－［（２－エチルヘキシル）オキシ］エトキシ｝エタノール（ロット番号[redacted]
　媒体　:　コーン油
　形態　:　溶液
　調製日　:　2021 年 9 月 30 日

測定対象物質　:　２－｛２－［（２－エチルヘキシル）オキシ］エトキシ｝エタノール

評価基準
　濃度許容範囲　:　表示値に対する割合；100% ± 10%

結果：

表示値 (mg/mL)	測定濃度 (mg/mL)	平均値	表示値に対する割合 (%)
20	18.8 18.8 17.7	18.4	92.0
60	57.8 56.4 50.9	55.0	91.7
200	188 191 205	195	97.5

判定　:　適

分析結果

試験番号　:　R-1270
測定項目　:　濃度
ステージ　:　雄の最終投与

測定日　:　2021 年 11 月 9 日

測定試料
　被験物質　:　２－｛２－［（２－エチルヘキシル）オキシ］エトキシ｝エタノール（ロット番号[redacted]
　媒体　:　コーン油
　形態　:　溶液
　調製日　:　2021 年 11 月 9 日

測定対象物質　:　２－｛２－［（２－エチルヘキシル）オキシ］エトキシ｝エタノール

評価基準
　濃度許容範囲　:　表示値に対する割合；100% ± 10%

結果：

表示値 (mg/mL)	測定濃度 (mg/mL)	平均値	表示値に対する割合 (%)
20	19.5 19.5 19.8	19.6	98.0
60	60.3 59.1 61.0	60.1	100.2
200	194 210 205	203	101.5

判定　:　適

OT-210004

ホ ル モ ン 測 定 報 告 書

「２－｛２－［（２－エチルヘキシル）オキシ］エトキシ｝エタノール：ラットを用いた経口投与による反復投与毒性･生殖発生毒性併合試験（試験番号 R-1270）」におけるホルモン測定

OT-210004

株式会社ボゾリサーチセンター
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1. GLP 陳述書

ホルモン測定番号　：　OT-210004

ホルモン測定表題　：　「２－｛２－［（２－エチルヘキシル）オキシ］エトキシ｝エタノール：ラットを用いた経口投与による反復投与毒性･生殖発生毒性併合試験（試験番号 R-1270）」におけるホルモン測定

本作業は以下の GLP 基準を遵守して実施したものです.

- 「新規化学物質等に係る試験を実施する試験施設に関する基準」
（平成 23 年 3 月 31 日：薬食発 0331 第 8 号、平成 23・03・29 製局第 6 号、環保企発第 110331010 号）

[redacted]　2022年　3 月　10 日

試験主任者
株式会社ボゾリサーチセンター　つくば研究所

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3. ホルモン測定実施概要

3.1 ホルモン測定番号

OT-210004

3.2 ホルモン測定表題

「２－｛２－［（２－エチルヘキシル）オキシ］エトキシ｝エタノール：ラットを用いた経口投与による反復投与毒性･生殖発生毒性併合試験（試験番号 R-1270）」におけるホルモン測定

3.3 目的

「２－｛２－［（２－エチルヘキシル）オキシ］エトキシ｝エタノール：ラットを用いた経口投与による反復投与毒性･生殖発生毒性併合試験（試験番号 R-1270）」において採取された血清中のホルモン濃度を測定することを目的とした。

3.4 遵守した基準

3.4.1 GLP

- 「新規化学物質等に係る試験を実施する試験施設に関する基準」
  （平成 23 年 3 月 31 日：薬食発 0331 第 8 号、平成 23・03・29 製局第 6 号、環保企発第 110331010 号）

3.5 試験施設

株式会社ボゾリサーチセンター　御殿場研究所
〒412-0039　静岡県御殿場市かまど 1284

3.6 試験場所

株式会社ボゾリサーチセンター　つくば研究所
〒300-2611　茨城県つくば市大久保 8 番

3.7 試験責任者

株式会社ボゾリサーチセンター　御殿場研究所　研究部門
[redacted]

3.8 試験主任者

株式会社ボゾリサーチセンター　つくば研究所　臨床検査部門
[redacted]

3.9　担当者

測定担当者　：[redacted]

3.10　日程

試料受領日	2021 年 11 月 18 日、2021 年 12 月 3 日
測定期間	2021 年 11 月 19 日 ~ 2021 年 12 月 14 日
ホルモン測定報告書作成日	2022 年 3 月 10 日

3.11　試験成績の信頼性に影響を及ぼしたと思われる環境要因

該当事象はなかった。

3.12　資料の保存

以下のホルモン測定関係資料をファイルに綴じ込み、株式会社ボゾリサーチセンターつくば研究所の資料保存施設に保存する。その期間はホルモン測定報告書作成後 5 年間とする。期間終了後の取扱いについては、試験施設と株式会社ボゾリサーチセンターつくば研究所の間で協議し、その処置を決定する。

1)　ホルモン測定計画書の原本
2)　試験計画書の写し
3)　試験計画書変更書の写し
4)　生データ及びその他の記録文書
5)　ホルモン測定報告書の原本
6)　通信記録

3.13　試験主任者の署名

[redacted]　2022年　3月　10　日

株式会社ボゾリサーチセンター　つくば研究所

4. 要約

「２－｛２－［（２－エチルヘキシル）オキシ］エトキシ｝エタノール：ラットを用いた経口投与による反復投与毒性･生殖発生毒性併合試験（試験番号 R-1270）」において採取された投与終了時動物（EOA）、生後 4 日児動物（PD4）、生後 13 日児動物（PD13）、授乳 14 日母動物（LD14）及び回復終了時動物（EOR）の血清中のホルモン（T4）濃度を測定した。

その結果、EOA の雄の高用量群において媒体対照群と比べて有意な低下が認められた。一方、EOA の雌、PD4、PD13、LD14 及び EOR では媒体対照群と投与群との間に有意差は認められなかった。

5. 試験構成

5.1 概要

試験番号 R-1270（２－｛２－［（２－エチルヘキシル）オキシ］エトキシ｝エタノール：ラットを用いた経口投与による反復投与毒性・生殖発生毒性併合試験）の群構成を下表に示す。

群構成表（雄）

試験群	投与量 (mg/kg)	交配群			
		投与終了時剖検群		回復終了時剖検群	
		動物数	動物番号	動物数	動物番号
媒体対照	0	7	1001-1007	5	1008-1012
低用量	100	12	2001-2012		
中用量	300	12	3001-3012		
高用量	1000	7	4001-4007	5	4008-4012

群構成表（雌）

試験群	投与量 (mg/kg)	交配群		非交配群			
		投与終了時剖検群		投与終了時剖検群		回復終了時剖検群	
		動物数	動物番号	動物数	動物番号	動物数	動物番号
媒体対照	0	12	1101-1112	5	5101-5105	5	5106-5110
低用量	100	12	2101-2112				
中用量	300	12	3101-3112				
高用量	1000	12	4101-4112	5	6101-6105	5	6106-6110

5.2 試料

Text-Table 1

ホルモン測定試料（血清）		試験群		動物数	血清試料数 交配群 投与終了時剖検群	血清試料数 交配群 回復終了時剖検群	血清試料数 非交配群 投与終了時剖検群	血清試料数 非交配群 回復終了時剖検群
	測定対象	媒体対照	雄	10	5	5[a)]	—	—
			雌	15	5[a)]	—	5[a)]	5[a)]
		低用量	雄	5	5	—	—	—
			雌	5	5[a)]	—	—	—
		中用量	雄	5	5	—	—	—
			雌	5	5[a)]	—	—	—
		高用量	雄	10	5	5[a)]	—	—
			雌	15	5[a)]	—	5[a)]	5[a)]
		上記に加え、生後 4 日及び 13 日の児動物（交配群の各用量群の母動物から 5 腹ずつ、計 40 腹分）。 a)：交配群雌の授乳 14 日母動物、非交配群雌（投与終了時）及び生後 4 日児動物並びに回復動物は、試験責任者の判断により追加測定した。						
	受領チューブ数	雌雄：約 0.5 mL×3 本、児（生後 4 日）：約 0.2 mL×1 本、児（生後 13 日）：約 0.3 mL×3 本、合計 290 本						
	試験施設での保存条件	−80°C の冷凍庫（許容範囲：−70°C 以下）、実測値は許容範囲内であった。						
	輸送条件	ドライアイス同梱下で輸送された。						
	識別	ラベルに明記された情報（試験番号、採血時期、検査項目、試料番号、試料名、色分け及び採取年月日）をもとに、試験場所で血清試料名を割り付けた。						
	試験場所での保存条件	−80°C の冷凍庫（許容範囲：−70°C 以下）、実測値は許容範囲内であった。						
	血清試料安定性（−70°C 以下）	保存安定性：16 週間、繰返し凍結融解回数：3 回まで。 測定は上記の条件内で実施した。						
	残余の取扱い	測定後の残余の血清は、ホルモン測定報告書作成後に試験責任者の指示に基づいて試験場所で廃棄する。						

6. 材料及び方法

受領した試料（Text-Table 1）を用いて下記 6.1 に従い、ホルモン（T4）濃度を測定した。

測定方法及び測定キットに関する情報を下表（Text-Table 2、Text-Table 3）に示す。

OT-210004

Text-Table 2

ホルモン測定				
検査項目	測定方法	単位	表示桁数	測定範囲
T4	RIA 法	ng/mL	小数第 1 位	5.7 ~ 340.0 ng/mL
使用測定機器 ガンマカウンター（AccuFLEXγ7010、日立）				

Text-Table 3

T4	
キット	: RIA-gnost®-T4（Cisbio Bioassays）
保存条件	: 2~8°C（実測値は許容範囲内であった。）
Lot No.（使用期限）	: 285U（12/28/2021）、286U（1/25/2022）
Calibrator（表示濃度）	: Cal-0、1（22.6 ng/mL）、2（49.0 ng/mL）、3（100.0 ng/mL）、4（196.0 ng/mL）、5（340.0 ng/mL）

6.1 アッセイ方法

6.1.1 T4 測定

6.1.1.1 Cal-1/2 及び Cal-1/4 の調製

Cal-1 と Cal-0 を 1：1（60 μL：60 μL または 50 μL：50 μL）で混合し、Cal-1/2（表示濃度：11.3 ng/mL）とした。さらに、Cal-1/2 と Cal-0 を 1：1（60 μL：60 μL または 30 μL：30 μL）で混合し、Cal-1/4（表示濃度：5.7 ng/mL）とした。調製当日を使用期限とした。

6.1.1.2 測定操作

1) 各試料 20 μL を Ab チューブ（Antibody-coated tube）に加えた。
2) ^{125}I-T4 tracer（1 mL）をチューブに添加し、ふたをして撹拌した。
3) tracer をプラスチックチューブ（丸底テストチューブ、WATSON）に加えたものを Total Count（TC）とした。
4) 23°C 設定のインキュベータ内で 45~55 分間（実時間：50 分間）振とうした。
5) チューブ内の溶液をアスピレータで除去した（TC を除く）。
6) ガンマカウンターでチューブの ^{125}I（60 秒間）の放射線計数率（cpm）を測定した。

6.2 データ解析

Magellan Tracker ver. 7.0 ソフトウェア（Tecan）を用いて、放射線計数率（cpm）から各試料の T4 濃度を算出した。

X 軸を濃度（ng/mL、対数表示）、Y 軸を放射線計数率（cpm）の測定値とし、表示濃度のプロットから検量線を作成した。

解析法、表示桁数を下表に示す。

検査項目	解析法	表示桁数	
		放射線計数率（cpm）	測定濃度
T4	4 パラメーター Marquardt（重み付け：$1/Y^2$）	小数第 1 位	小数第 1 位

6.3 測定成立条件の評価

本測定は、以下の測定成立条件を全て満たしていたことから測定成立とした。計算は Microsoft office Excel で実施（表示桁数で計算）した。

1) TC 及び Cal-0

- TC 及び Cal-0 の平均放射線計数率が Cal-1/4 の平均放射線計数率を超えている。
- 平均放射線計数率は以下の計算式から算出した（小数第 1 位まで表示）。

$$\text{平均放射線計数率（cpm）} = \frac{\text{個別放射線計数率（cpm）の和}}{2}$$

2) 標準試料

- duplicate での個別放射線計数率の差が 2 倍未満である。
- 測定濃度（個別濃度の平均）の表示濃度に対する真度が Cal-1/4、Cal-5 で 100±25.0%以内、Cal-1/2~4 のうち 4 試料以上で 100±20.0%以内である。
- 真度（%）は以下の計算式から算出した（小数第 1 位まで表示）。

$$\text{真度（\%）} = \frac{\text{測定濃度}}{\text{表示濃度}} \times 100$$

3) QC

duplicate での個別放射線計数率の差が 2 倍未満で、かつ測定濃度（個別濃度の平均）が表示濃度範囲内である。

6.4 再測定

再測定は実施しなかった。

7. 統計解析

検査項目について下記の模式図に示す方法に従って検定した。各群の平均値(Mean)及び標準偏差(SD)の算出には、それぞれ Microsoft Office Excel における AVERAGE 関数及び STDEV 関数を用いた。解析には SAS Release 9.1.3 を使用した。

8. 結果及び考察

下記の通り、投与終了時動物（EOA）の雄において高用量群で T4 測定濃度の有意な変化が認められたことから、生後 13 日児動物（PD13）に加えて、試験責任者の指示により、EOA の雌、生後 4 日児動物（PD4）、授乳 14 日母動物（LD14）及び回復終了時動物（EOR）を測定した。

8.1 投与終了時動物（EOA）

T4 濃度測定の結果を Table 1、Table 2 に示す。

雄動物において高用量群で媒体対照群と比べて有意な低下が認められた。

一方、非交配群の雌動物においては媒体対照群と投与群との間に有意差は認められなかった。

8.2 生後 4 日及び 13 日児動物（PD4、PD13）

T4 濃度測定の結果を Table 3、Table 4 に示す。

媒体対照群と全ての投与群との間に有意差は認められなかった。

8.3 授乳 14 日母動物（LD14）

T4 濃度測定の結果を Table 5 に示す。

媒体対照群と全ての投与群との間に有意差は認められなかった。

8.4 回復終了時動物（EOR）

T4 濃度測定の結果を Table 6、Table 7 に示す。

雌雄ともに媒体対照群と投与群との間に有意差は認められなかった。

9. 結論

「２－｛２－［（２－エチルヘキシル）オキシ］エトキシ｝エタノール：ラットを用いた経口投与による反復投与毒性･生殖発生毒性併合試験（試験番号 R-1270）」において採取された投与終了時動物（EOA）、生後 4 日児動物（PD4）、生後 13 日児動物（PD13）、授乳 14 日母動物（LD14）及び回復終了時動物（EOR）の血清中のホルモン（T4）濃度を測定した。

その結果、EOA の雄の高用量群において媒体対照群と比べて有意な低下が認められた。一方、EOA の雌、PD4、PD13、LD14 及び EOR では媒体対照群と投与群との間に有意差は認められなかった。

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Table 1 Hormone concentrations in rat serum of EOA (Male)

Animal No.	T4 (ng/mL)	Animal No.	T4 (ng/mL)	Animal No.	T4 (ng/mL)	Animal No.	T4 (ng/mL)
1001	40.0	2001	33.5	3001	36.1	4001	22.1
1002	41.5	2002	38.6	3002	36.6	4002	33.0
1003	37.0	2003	53.2	3003	33.0	4003	27.1
1004	45.9	2004	34.7	3004	31.8	4004	20.4
1005	47.7	2005	40.0	3005	31.0	4005	33.6
Mean	42.4	Mean	40.0	Mean	33.7	Mean	27.2 **
SD	4.4	SD	7.9	SD	2.5	SD	6.1
n	5	n	5	n	5	n	5

EOA: End of administration
**: $p \leq 0.01$, Dunnett's test.

Table 2 Hormone concentrations in rat serum of EOA (Female)

Animal No.	T4 (ng/mL)	Animal No.	T4 (ng/mL)
5101	38.5	6101	29.7
5102	29.7	6102	31.6
5103	26.3	6103	17.1
5104	47.0	6104	28.3
5105	47.6	6105	34.0
Mean	37.8	Mean	28.1
SD	9.7	SD	6.5
n	5	n	5

EOA: End of administration
No significant difference in treated group from vehicle control group.

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Table 3 Hormone concentrations in rat serum of PD4 (Pups)

Animal No.	T4 (ng/mL)	Animal No.	T4 (ng/mL)	Animal No.	T4 (ng/mL)	Animal No.	T4 (ng/mL)
1101	10.3	2101	6.5	3101	6.6	4101	7.2
1103	8.1	2102	9.9	3104	11.3	4102	8.3
1104	9.7	2105	8.5	3107	9.4	4103	6.8
1105	13.8	2110	6.3	3110	9.8	4104	5.8
1107	10.5	2111	9.6	3111	10.1	4107	9.8
Mean	10.5	Mean	8.2	Mean	9.4	Mean	7.6
SD	2.1	SD	1.7	SD	1.7	SD	1.5
n	5	n	5	n	5	n	5

PD4: Postnatal day 4
Animal No.: Dam No. of pups
No significant difference in any treated groups from vehicle control group.

Table 4 Hormone concentrations in rat serum of PD13 (Pups)

Animal No.	T4 (ng/mL)	Animal No.	T4 (ng/mL)	Animal No.	T4 (ng/mL)	Animal No.	T4 (ng/mL)
1101	41.7	2101	47.0	3101	48.1	4101	35.6
1102	47.9	2102	43.1	3104	54.5	4102	34.2
1104	44.9	2105	45.3	3107	51.6	4103	32.6
1105	54.5	2110	35.7	3110	58.2	4104	44.5
1112	48.3	2111	47.7	3111	51.8	4106	50.7
Mean	47.5	Mean	43.8	Mean	52.8	Mean	39.5
SD	4.7	SD	4.8	SD	3.8	SD	7.8
n	5	n	5	n	5	n	5

PD13: Postnatal day 13
Animal No.: Dam No. of pups
No significant difference in any treated groups from vehicle control group.

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Table 5 Hormone concentrations in rat serum of LD14 (Female)

Animal No.	T4 (ng/mL)	Animal No.	T4 (ng/mL)	Animal No.	T4 (ng/mL)	Animal No.	T4 (ng/mL)
1101	26.5	2101	20.4	3101	29.7	4101	22.7
1102	24.9	2102	21.5	3104	27.2	4102	23.3
1104	27.0	2105	22.0	3107	36.6	4103	26.1
1105	22.8	2110	33.0	3110	37.2	4104	30.3
1112	47.6	2111	29.9	3111	33.5	4106	22.9
Mean	29.8	Mean	25.4	Mean	32.8	Mean	25.1
SD	10.1	SD	5.7	SD	4.3	SD	3.2
n	5	n	5	n	5	n	5

LD14: Lactation day 14
No significant difference in any treated groups from vehicle control group.

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Table 6 Hormone concentrations in rat serum of EOR (Male)

Animal No.	T4 (ng/mL)	Animal No.	T4 (ng/mL)
1008	34.8	4008	40.5
1009	43.2	4009	37.3
1010	42.6	4010	35.9
1011	47.9	4011	49.3
1012	51.2	4012	46.4
Mean	43.9	Mean	41.9
SD	6.2	SD	5.8
n	5	n	5

EOR: End of recovery
No significant difference in treated group from vehicle control group.

Table 7 Hormone concentrations in rat serum of EOR (Female)

Animal No.	T4 (ng/mL)	Animal No.	T4 (ng/mL)
5106	27.8	6106	28.4
5107	19.5	6107	16.1
5108	22.0	6108	35.9
5109	37.9	6109	35.3
5110	34.5	6110	28.2
Mean	28.3	Mean	28.8
SD	7.9	SD	8.0
n	5	n	5

EOR: End of recovery
No significant difference in treated group from vehicle control group.

信頼性保証書（1/2）

ホルモン測定番号： OT-210004

ホルモン測定表題： 「２－｛２－［（２－エチルヘキシル）オキシ］エトキシ｝エタノール：ラットを用いた経口投与による反復投与毒性・生殖発生毒性併合試験（試験番号 R-1270）」におけるホルモン測定

本測定は以下に示す基準に従って実施されたことを保証致します。

- 「新規化学物質等に係る試験を実施する試験施設に関する基準」
（平成 23 年 3 月 31 日：薬食発 0331 第 8 号、平成 23･03･29 製局第 6 号、環保企発第 110331010 号）

なお、調査は下記の通り実施し、報告致しました。

調査項目	調査担当者	調査日	試験主任者及び試験場所管理責任者への報告日	試験責任者、運営管理者及び主信頼性保証部門責任者への報告日
ホルモン測定計画書	[redacted]	2021 年 9 月 15 日 2021 年 9 月 29 日	2021 年 10 月 1 日	2021 年 10 月 1 日
試料受領（雄動物）		2021 年 11 月 18 日	2021 年 11 月 18 日	2021 年 11 月 18 日
ホルモン測定		2021 年 11 月 19 日	2021 年 11 月 24 日	2021 年 11 月 24 日
試料受領（雌雄及び児動物）		2021 年 12 月 3 日	2021 年 12 月 6 日	2021 年 12 月 6 日
ホルモン測定報告書草案、生データ		2022 年 3 月 1 日 2022 年 3 月 2 日	2022 年 3 月 4 日	2022 年 3 月 4 日
改善確認		2022 年 3 月 7 日	2022 年 3 月 8 日	2022 年 3 月 8 日

信頼性保証書（2/2）

調査項目	調査担当者	調査日	試験主任者及び試験場所管理責任者への報告日	試験責任者、運営管理者及び主信頼性保証部門責任者への報告日
ホルモン測定報告書	[redacted]	2022年3月9日	2022年3月10日	2022年3月10日

2022年 3月 10日
株式会社ボゾリサーチセンター
つくば研究所
試験場所信頼性保証部門責任者 [redacted]

Fig.1 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol (EHOEE): An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Motor activity of male rats (Week 6 of administration)

Fig.2 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol (EHOEE): An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Motor activity of female rats (Main group, Lactation Day13)

Fig.3 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol (EHOEE): An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Motor activity of female rats (Non-mating group, Week 6 of administration)

Fig.4 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol (EHOEE): An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Motor activity of male rats (Week 2 of recovery)

Fig.5 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol (EHOEE): An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Motor activity of female rats (Non-mating group, Week 2 of recovery)

Fig.6 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol (EHOEE): An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Body weight of male rats

Fig.7 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol (EHOEE): An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Body weight of female rats (Main group)

Fig.8 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol (EHOEE): An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Body weight of female rats (Non-mating group)

Fig.9 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol (EHOEE): An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Food consumption of male rats

Fig.10 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol (EHOEE): An oral combined repeated dose toxicity s
study with the reproduction/ developmental toxicity screening test in rats

Food consumption of female rats (Main group)

Fig.11 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol (EHOEE): An oral combined repeated dose toxicity s
study with the reproduction/ developmental toxicity screening test in rats

Food consumption of female rats (Non-mating group)

Table 1-1 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Clinical signs Period : F0 before mating Day 1-15, F0 mating Day 15-43

Sex : Male Species : Rat

Test article Dose	Signs	/Day 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
EHOEE 0 mg/kg	Number of animals	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
	Number of animals with abnormal findings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EHOEE 100 mg/kg	Number of animals	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
	Number of animals with abnormal findings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EHOEE 300 mg/kg	Number of animals	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
	Number of animals with abnormal findings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EHOEE 1000 mg/kg	Number of animals	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
	Number of animals with abnormal findings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

Table 1-2 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Clinical signs Period : F0 before mating Day 1-15, F0 mating Day 15-43

Sex : Male Species : Rat

Test article		/Day																				
Dose	Signs	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
EHOEE	Number of animals	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
0 mg/kg	Number of animals with abnormal findings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EHOEE	Number of animals	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
100 mg/kg	Number of animals with abnormal findings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EHOEE	Number of animals	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
300 mg/kg	Number of animals with abnormal findings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EHOEE	Number of animals	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
1000 mg/kg	Number of animals with abnormal findings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

Table 1-3 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Clinical signs Period : F0 before mating Day 1-15, F0 mating Day 15-43

Sex : Male Species : Rat

Test article Dose	Signs	/Day 43 a)
EHOEE 0 mg/kg	Number of animals	7
	Number of animals with abnormal findings	0
EHOEE 100 mg/kg	Number of animals	12
	Number of animals with abnormal findings	0
EHOEE 300 mg/kg	Number of animals	12
	Number of animals with abnormal findings	0
EHOEE 1000 mg/kg	Number of animals	7
	Number of animals with abnormal findings	0

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

a): Day of necropsy

Table 1-4 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Clinical signs Period : F0 before mating Day 1-15

Sex : Female Species : Rat

Test article Dose	Signs	/Day 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
EHOEE 0 mg/kg	Number of animals	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
	Number of animals with abnormal findings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EHOEE 100 mg/kg	Number of animals	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
	Number of animals with abnormal findings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EHOEE 300 mg/kg	Number of animals	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
	Number of animals with abnormal findings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EHOEE 1000 mg/kg	Number of animals	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
	Number of animals with abnormal findings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

Table 1 - 5 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Study No. : R-1270

Clinical signs in dams

Period : F0 gestation Day 0-25

Sex : Female

Species : Rat

Test article		/Day																								
Dose	Signs	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
EHOEE	Number of dams	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	5	0	0	0
0 mg/kg	Number of dams with abnormal findings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EHOEE	Number of dams	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	2	0	0	0
100 mg/kg	Number of dams with abnormal findings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EHOEE	Number of dams	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	1	0	0	0
300 mg/kg	Number of dams with abnormal findings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EHOEE	Number of dams	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	6	0	0	0
1000 mg/kg	Number of dams with abnormal findings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

Table 1 - 6 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Clinical signs in dams Period : F0 lactation Day 0-14

Sex : Female Species : Rat

Test article Dose	Signs	/Day 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14 a)
EHOEE 0 mg/kg	Number of dams	6	11	11	11	11	11	11	11	11	11	11	11	11	11	11
	Number of dams with abnormal findings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EHOEE 100 mg/kg	Number of dams	8	12	12	12	12	12	12	12	12	12	12	12	12	12	12
	Number of dams with abnormal findings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EHOEE 300 mg/kg	Number of dams	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
	Number of dams with abnormal findings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EHOEE 1000 mg/kg	Number of dams	8	12	12	12	12	12	12	12	12	12	12	12	12	12	12
	Number of dams with abnormal findings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

a): Day of necropsy
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

Table 1-7 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Clinical signs Period : Administration Day 1-43 (non-mating group)

Sex : Female Species : Rat

Test article		/Day																				
Dose	Signs	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
EHOEE	Number of animals	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
0 mg/kg	Number of animals with abnormal findings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EHOEE	Number of animals	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1000 mg/kg	Number of animals with abnormal findings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

Table 1-8 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Clinical signs Period : Administration Day 1-43 (non-mating group)

Sex : Female Species : Rat

Test article		/Day																				
Dose	Signs	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
EHOEE	Number of animals	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
0 mg/kg	Number of animals with abnormal findings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EHOEE	Number of animals	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1000 mg/kg	Number of animals with abnormal findings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

Table 1-9 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Clinical signs Period : Administration Day 1-43 (non-mating group)

Sex : Female Species : Rat

Test article Dose	Signs	/Day 43 a)
EHOEE 0 mg/kg	Number of animals	5
	Number of animals with abnormal findings	0
EHOEE 1000 mg/kg	Number of animals	5
	Number of animals with abnormal findings	0

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

a): Day of necropsy

Table 1-10 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Clinical signs Period : Recovery Day 1-15

Sex : Male Species : Rat

Test article Dose	Signs	/Day 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15 a)
EHOEE 0 mg/kg	Number of animals	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	Number of animals with abnormal findings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EHOEE 1000 mg/kg	Number of animals	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	Number of animals with abnormal findings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

a): Day of necropsy

Table 1-11 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Clinical signs Period : Recovery Day 1-15 (non-mating group)

Sex : Female Species : Rat

Test article Dose	Signs	/Day 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15 a)
EHOEE 0 mg/kg	Number of animals	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	Number of animals with abnormal findings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EHOEE 1000 mg/kg	Number of animals	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	Number of animals with abnormal findings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

a): Day of necropsy

Table 2 - 1 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Home cage observation Period : F0 before mating

Generation : F0 Sex : Male Week : 1 Species : Rat

Test article Dose		Posture NC N	F	H	Convulsion NC 0	1	2	3
EHOEE 0 mg/kg	n	12	0	0	12	0	0	0
EHOEE 100 mg/kg	n	12	0	0	12	0	0	0
EHOEE 300 mg/kg	n	12	0	0	12	0	0	0
EHOEE 1000 mg/kg	n	12	0	0	12	0	0	0

Test article Dose		Abnormal NC behavior 0	1	2	3
EHOEE 0 mg/kg	n	12	0	0	0
EHOEE 100 mg/kg	n	12	0	0	0
EHOEE 300 mg/kg	n	12	0	0	0
EHOEE 1000 mg/kg	n	12	0	0	0

Posture) N: Normal, F: Flattened, H: Hunched
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 2 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Home cage observation Period : F0 before mating

Generation : F0 Sex : Male Week : 2 Species : Rat

Test article Dose		Posture NC			Convulsion NC			
		N	F	H	0	1	2	3
EHOEE 0 mg/kg	n	12	0	0	12	0	0	0
EHOEE 100 mg/kg	n	12	0	0	12	0	0	0
EHOEE 300 mg/kg	n	12	0	0	12	0	0	0
EHOEE 1000 mg/kg	n	12	0	0	12	0	0	0

Test article Dose		Abnormal NC behavior			
		0	1	2	3
EHOEE 0 mg/kg	n	12	0	0	0
EHOEE 100 mg/kg	n	12	0	0	0
EHOEE 300 mg/kg	n	12	0	0	0
EHOEE 1000 mg/kg	n	12	0	0	0

Posture) N: Normal, F: Flattened, H: Hunched
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 3 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Home cage observation Period : F0 mating

Generation : F0 Sex : Male Week : 3 Species : Rat

Test article Dose		Posture NC N	F	H	Convulsion NC 0	1	2	3
EHOEE 0 mg/kg	n	12	0	0	12	0	0	0
EHOEE 100 mg/kg	n	12	0	0	12	0	0	0
EHOEE 300 mg/kg	n	12	0	0	12	0	0	0
EHOEE 1000 mg/kg	n	12	0	0	12	0	0	0

Test article Dose		Abnormal NC behavior 0	1	2	3
EHOEE 0 mg/kg	n	12	0	0	0
EHOEE 100 mg/kg	n	12	0	0	0
EHOEE 300 mg/kg	n	12	0	0	0
EHOEE 1000 mg/kg	n	12	0	0	0

Posture) N: Normal, F: Flattened, H: Hunched
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 4 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Home cage observation Period : F0 mating

Generation : F0 Sex : Male Week : 4 Species : Rat

Test article Dose		Posture NC			Convulsion NC			
		N	F	H	0	1	2	3
EHOEE 0 mg/kg	n	12	0	0	12	0	0	0
EHOEE 100 mg/kg	n	12	0	0	12	0	0	0
EHOEE 300 mg/kg	n	12	0	0	12	0	0	0
EHOEE 1000 mg/kg	n	12	0	0	12	0	0	0

Test article Dose		Abnormal NC behavior			
		0	1	2	3
EHOEE 0 mg/kg	n	12	0	0	0
EHOEE 100 mg/kg	n	12	0	0	0
EHOEE 300 mg/kg	n	12	0	0	0
EHOEE 1000 mg/kg	n	12	0	0	0

Posture) N: Normal, F: Flattened, H: Hunched
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 5 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Home cage observation Period : F0 mating

Generation : F0 Sex : Male Week : 5 Species : Rat

Test article Dose		Posture NC			Convulsion NC			
		N	F	H	0	1	2	3
EHOEE 0 mg/kg	n	12	0	0	12	0	0	0
EHOEE 100 mg/kg	n	12	0	0	12	0	0	0
EHOEE 300 mg/kg	n	12	0	0	12	0	0	0
EHOEE 1000 mg/kg	n	12	0	0	12	0	0	0

Test article Dose		Abnormal NC behavior			
		0	1	2	3
EHOEE 0 mg/kg	n	12	0	0	0
EHOEE 100 mg/kg	n	12	0	0	0
EHOEE 300 mg/kg	n	12	0	0	0
EHOEE 1000 mg/kg	n	12	0	0	0

Posture) N: Normal, F: Flattened, H: Hunched
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 6 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Home cage observation Period : F0 mating

Generation : F0 Sex : Male Week : 6 Species : Rat

Test article Dose		Posture NC			Convulsion NC			
		N	F	H	0	1	2	3
EHOEE 0 mg/kg	n	12	0	0	12	0	0	0
EHOEE 100 mg/kg	n	12	0	0	12	0	0	0
EHOEE 300 mg/kg	n	12	0	0	12	0	0	0
EHOEE 1000 mg/kg	n	12	0	0	12	0	0	0

Test article Dose		Abnormal NC behavior			
		0	1	2	3
EHOEE 0 mg/kg	n	12	0	0	0
EHOEE 100 mg/kg	n	12	0	0	0
EHOEE 300 mg/kg	n	12	0	0	0
EHOEE 1000 mg/kg	n	12	0	0	0

Posture) N: Normal, F: Flattened, H: Hunched
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 7 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Home cage observation Period : F0 before mating

Generation : F0 Sex : Female Week : 1 Species : Rat

Test article Dose		Posture NC N	F	H	Convulsion NC 0	1	2	3
EHOEE 0 mg/kg	n	12	0	0	12	0	0	0
EHOEE 100 mg/kg	n	12	0	0	12	0	0	0
EHOEE 300 mg/kg	n	12	0	0	12	0	0	0
EHOEE 1000 mg/kg	n	12	0	0	12	0	0	0

Test article Dose		Abnormal NC behavior 0	1	2	3
EHOEE 0 mg/kg	n	12	0	0	0
EHOEE 100 mg/kg	n	12	0	0	0
EHOEE 300 mg/kg	n	12	0	0	0
EHOEE 1000 mg/kg	n	12	0	0	0

Posture) N: Normal, F: Flattened, H: Hunched
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 8 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Home cage observation Period : F0 before mating

Generation : F0 Sex : Female Week : 2 Species : Rat

Test article Dose		Posture NC N	F	H	Convulsion NC 0	1	2	3
EHOEE 0 mg/kg	n	12	0	0	12	0	0	0
EHOEE 100 mg/kg	n	12	0	0	12	0	0	0
EHOEE 300 mg/kg	n	12	0	0	12	0	0	0
EHOEE 1000 mg/kg	n	12	0	0	12	0	0	0

Test article Dose		Abnormal NC behavior 0	1	2	3
EHOEE 0 mg/kg	n	12	0	0	0
EHOEE 100 mg/kg	n	12	0	0	0
EHOEE 300 mg/kg	n	12	0	0	0
EHOEE 1000 mg/kg	n	12	0	0	0

Posture) N: Normal, F: Flattened, H: Hunched
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 9 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Home cage observation Period : F0 gestation

Generation : F0 Sex : Female Day : 1 Species : Rat

Test article Dose		Posture NC N	F	H	Convulsion NC 0	1	2	3
EHOEE 0 mg/kg	n	11	0	0	11	0	0	0
EHOEE 100 mg/kg	n	12	0	0	12	0	0	0
EHOEE 300 mg/kg	n	12	0	0	12	0	0	0
EHOEE 1000 mg/kg	n	12	0	0	12	0	0	0

Test article Dose		Abnormal NC behavior 0	1	2	3
EHOEE 0 mg/kg	n	11	0	0	0
EHOEE 100 mg/kg	n	12	0	0	0
EHOEE 300 mg/kg	n	12	0	0	0
EHOEE 1000 mg/kg	n	12	0	0	0

Posture) N: Normal, F: Flattened, H: Hunched
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

Table 2 - 10 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Home cage observation Period : F0 gestation

Generation : F0 Sex : Female Day : 7 Species : Rat

Test article Dose		Posture NC			Convulsion NC			
		N	F	H	0	1	2	3
EHOEE 0 mg/kg	n	11	0	0	11	0	0	0
EHOEE 100 mg/kg	n	12	0	0	12	0	0	0
EHOEE 300 mg/kg	n	12	0	0	12	0	0	0
EHOEE 1000 mg/kg	n	12	0	0	12	0	0	0

Test article Dose		Abnormal NC behavior			
		0	1	2	3
EHOEE 0 mg/kg	n	11	0	0	0
EHOEE 100 mg/kg	n	12	0	0	0
EHOEE 300 mg/kg	n	12	0	0	0
EHOEE 1000 mg/kg	n	12	0	0	0

Posture) N: Normal, F: Flattened, H: Hunched
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

Table 2 - 11 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Home cage observation Period : F0 gestation

Generation : F0 Sex : Female Day : 14 Species : Rat

Test article Dose		Posture NC			Convulsion NC			
		N	F	H	0	1	2	3
EHOEE 0 mg/kg	n	11	0	0	11	0	0	0
EHOEE 100 mg/kg	n	12	0	0	12	0	0	0
EHOEE 300 mg/kg	n	12	0	0	12	0	0	0
EHOEE 1000 mg/kg	n	12	0	0	12	0	0	0

Test article Dose		Abnormal NC behavior			
		0	1	2	3
EHOEE 0 mg/kg	n	11	0	0	0
EHOEE 100 mg/kg	n	12	0	0	0
EHOEE 300 mg/kg	n	12	0	0	0
EHOEE 1000 mg/kg	n	12	0	0	0

Posture) N: Normal, F: Flattened, H: Hunched
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

Table 2 - 12 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Home cage observation Period : F0 gestation

Generation : F0 Sex : Female Day : 20 Species : Rat

Test article Dose		Posture NC N	F	H	Convulsion NC 0	1	2	3
EHOEE 0 mg/kg	n	11	0	0	11	0	0	0
EHOEE 100 mg/kg	n	12	0	0	12	0	0	0
EHOEE 300 mg/kg	n	12	0	0	12	0	0	0
EHOEE 1000 mg/kg	n	12	0	0	12	0	0	0

Test article Dose		Abnormal NC behavior 0	1	2	3
EHOEE 0 mg/kg	n	11	0	0	0
EHOEE 100 mg/kg	n	12	0	0	0
EHOEE 300 mg/kg	n	12	0	0	0
EHOEE 1000 mg/kg	n	12	0	0	0

Posture) N: Normal, F: Flattened, H: Hunched
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

Table 2 - 13 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Home cage observation Period : F0 lactation

Generation : F0 Sex : Female Day : 6 Species : Rat

Test article Dose		Posture NC N	F	H	Convulsion NC 0	1	2	3
EHOEE 0 mg/kg	n	11	0	0	11	0	0	0
EHOEE 100 mg/kg	n	12	0	0	12	0	0	0
EHOEE 300 mg/kg	n	12	0	0	12	0	0	0
EHOEE 1000 mg/kg	n	12	0	0	12	0	0	0

Test article Dose		Abnormal NC behavior 0	1	2	3
EHOEE 0 mg/kg	n	11	0	0	0
EHOEE 100 mg/kg	n	12	0	0	0
EHOEE 300 mg/kg	n	12	0	0	0
EHOEE 1000 mg/kg	n	12	0	0	0

Posture) N: Normal, F: Flattened, H: Hunched
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

Table 2 - 14 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Home cage observation Period : F0 lactation

Generation : F0 Sex : Female Day : 13 Species : Rat

Test article Dose		Posture NC N	F	H	Convulsion NC 0	1	2	3
EHOEE 0 mg/kg	n	11	0	0	11	0	0	0
EHOEE 100 mg/kg	n	12	0	0	12	0	0	0
EHOEE 300 mg/kg	n	12	0	0	12	0	0	0
EHOEE 1000 mg/kg	n	12	0	0	12	0	0	0

Test article Dose		Abnormal NC behavior 0	1	2	3
EHOEE 0 mg/kg	n	11	0	0	0
EHOEE 100 mg/kg	n	12	0	0	0
EHOEE 300 mg/kg	n	12	0	0	0
EHOEE 1000 mg/kg	n	12	0	0	0

Posture) N: Normal, F: Flattened, H: Hunched
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

Table 2 - 15 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Home cage observation Period : Administration (non-mating group)

Generation : F0 Sex : Female Week : 1 Species : Rat

Test article Dose		Posture NC N	F	H	Convulsion NC 0	1	2	3
EHOEE 0 mg/kg	n	10	0	0	10	0	0	0
EHOEE 1000 mg/kg	n	10	0	0	10	0	0	0

Test article Dose		Abnormal NC behavior 0	1	2	3
EHOEE 0 mg/kg	n	10	0	0	0
EHOEE 1000 mg/kg	n	10	0	0	0

Posture) N: Normal, F: Flattened, H: Hunched
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 16 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Home cage observation Period : Administration (non-mating group)

Generation : F0 Sex : Female Week : 2 Species : Rat

Test article Dose		Posture NC N	F	H	Convulsion NC 0	1	2	3
EHOEE 0 mg/kg	n	10	0	0	10	0	0	0
EHOEE 1000 mg/kg	n	10	0	0	10	0	0	0

Test article Dose		Abnormal NC behavior 0	1	2	3
EHOEE 0 mg/kg	n	10	0	0	0
EHOEE 1000 mg/kg	n	10	0	0	0

Posture) N: Normal, F: Flattened, H: Hunched
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 17 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Home cage observation Period : Administration (non-mating group)

Generation : F0 Sex : Female Week : 3 Species : Rat

Test article Dose		Posture NC N	F	H	Convulsion NC 0	1	2	3
EHOEE 0 mg/kg	n	10	0	0	10	0	0	0
EHOEE 1000 mg/kg	n	10	0	0	10	0	0	0

Test article Dose		Abnormal NC behavior 0	1	2	3
EHOEE 0 mg/kg	n	10	0	0	0
EHOEE 1000 mg/kg	n	10	0	0	0

Posture) N: Normal, F: Flattened, H: Hunched
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 18 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Home cage observation Period : Administration (non-mating group)

Generation : F0 Sex : Female Week : 4 Species : Rat

Test article Dose		Posture NC N	Posture NC F	Posture NC H	Convulsion NC 0	Convulsion NC 1	Convulsion NC 2	Convulsion NC 3
EHOEE 0 mg/kg	n	10	0	0	10	0	0	0
EHOEE 1000 mg/kg	n	10	0	0	10	0	0	0

Test article Dose		Abnormal NC behavior 0	Abnormal NC behavior 1	Abnormal NC behavior 2	Abnormal NC behavior 3
EHOEE 0 mg/kg	n	10	0	0	0
EHOEE 1000 mg/kg	n	10	0	0	0

Posture) N: Normal, F: Flattened, H: Hunched
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 19 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Home cage observation Period : Administration (non-mating group)

Generation : F0 Sex : Female Week : 5 Species : Rat

Test article Dose		Posture NC			Convulsion NC			
		N	F	H	0	1	2	3
EHOEE 0 mg/kg	n	10	0	0	10	0	0	0
EHOEE 1000 mg/kg	n	10	0	0	10	0	0	0

Test article Dose		Abnormal NC behavior			
		0	1	2	3
EHOEE 0 mg/kg	n	10	0	0	0
EHOEE 1000 mg/kg	n	10	0	0	0

Posture) N: Normal, F: Flattened, H: Hunched
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 20 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Home cage observation Period : Administration (non-mating group)

Generation : F0 Sex : Female Week : 6 Species : Rat

Test article Dose		Posture NC N	F	H	Convulsion NC 0	1	2	3
EHOEE 0 mg/kg	n	10	0	0	10	0	0	0
EHOEE 1000 mg/kg	n	10	0	0	10	0	0	0

Test article Dose		Abnormal NC behavior 0	1	2	3
EHOEE 0 mg/kg	n	10	0	0	0
EHOEE 1000 mg/kg	n	10	0	0	0

Posture) N: Normal, F: Flattened, H: Hunched
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 21 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Home cage observation Period : Recovery

Generation : F0 Sex : Male Week : 1 Species : Rat

Test article Dose		Posture NC			Convulsion NC			
		N	F	H	0	1	2	3
EHOEE 0 mg/kg	n	5	0	0	5	0	0	0
EHOEE 1000 mg/kg	n	5	0	0	5	0	0	0

Test article Dose		Abnormal behavior NC			
		0	1	2	3
EHOEE 0 mg/kg	n	5	0	0	0
EHOEE 1000 mg/kg	n	5	0	0	0

Posture) N: Normal, F: Flattened, H: Hunched
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 22 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Home cage observation Period : Recovery

Generation : F0 Sex : Male Week : 2 Species : Rat

Test article Dose		Posture NC			Convulsion NC			
		N	F	H	0	1	2	3
EHOEE 0 mg/kg	n	5	0	0	5	0	0	0
EHOEE 1000 mg/kg	n	5	0	0	5	0	0	0

Test article Dose		Abnormal NC behavior			
		0	1	2	3
EHOEE 0 mg/kg	n	5	0	0	0
EHOEE 1000 mg/kg	n	5	0	0	0

Posture) N: Normal, F: Flattened, H: Hunched
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 23 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Home cage observation Period : Recovery(non-mating group)

Generation : F0 Sex : Female Week : 1 Species : Rat

Test article Dose		Posture NC			Convulsion NC			
		N	F	H	0	1	2	3
EHOEE 0 mg/kg	n	5	0	0	5	0	0	0
EHOEE 1000 mg/kg	n	5	0	0	5	0	0	0

Test article Dose		Abnormal NC behavior			
		0	1	2	3
EHOEE 0 mg/kg	n	5	0	0	0
EHOEE 1000 mg/kg	n	5	0	0	0

Posture) N: Normal, F: Flattened, H: Hunched
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 24 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Home cage observation Period : Recovery(non-mating group)

Generation : F0 Sex : Female Week : 2 Species : Rat

Test article Dose		Posture NC N	F	H	Convulsion NC 0	1	2	3
EHOEE 0 mg/kg	n	5	0	0	5	0	0	0
EHOEE 1000 mg/kg	n	5	0	0	5	0	0	0

Test article Dose		Abnormal NC behavior 0	1	2	3
EHOEE 0 mg/kg	n	5	0	0	0
EHOEE 1000 mg/kg	n	5	0	0	0

Posture) N: Normal, F: Flattened, H: Hunched
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 25 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

In-the-hand observation Period : F0 before mating

Generation : F0 Sex : Male Week : 1 Species : Rat

Test article		Ease of removal from cage					Fur condition			
Dose		-1	0	1	2	3	0	1	2	3
EHOEE 0 mg/kg	n	0	12	0	0	0	12	0	0	0
EHOEE 100 mg/kg	n	0	12	0	0	0	12	0	0	0
EHOEE 300 mg/kg	n	0	12	0	0	0	12	0	0	0
EHOEE 1000 mg/kg	n	0	12	0	0	0	12	0	0	0

Test article		Skin				Secretions-Eye, Nose		Exophthalmos	
Dose		0	1	2	3	0	1	0	1
EHOEE 0 mg/kg	n	12	0	0	0	12	0	12	0
EHOEE 100 mg/kg	n	12	0	0	0	12	0	12	0
EHOEE 300 mg/kg	n	12	0	0	0	12	0	12	0
EHOEE 1000 mg/kg	n	12	0	0	0	12	0	12	0

Ease of removal from cage) -1: Atypically docile, 0: Easy, 1: Some resistance/avoidance, 2: Difficult, 3: Very difficult
Fur condition) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Normal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 26 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

In-the-hand observation Period : F0 before mating

Generation : F0 Sex : Male Week : 1 Species : Rat

Test article		Palpebral NC closure				Mucosal NC membranes				Lacrimation NC	
Dose		0	1	2	3	0	1	2	3	0	1
EHOEE 0 mg/kg	n	12	0	0	0	12	0	0	0	12	0
EHOEE 100 mg/kg	n	12	0	0	0	12	0	0	0	12	0
EHOEE 300 mg/kg	n	12	0	0	0	12	0	0	0	12	0
EHOEE 1000 mg/kg	n	12	0	0	0	12	0	0	0	12	0

Test article		Piloerection NC		Pupil size NC				Salivation NC			
Dose		0	1	-1	0	1	2	0	1	2	3
EHOEE 0 mg/kg	n	12	0	0	12	0	0	12	0	0	0
EHOEE 100 mg/kg	n	12	0	0	12	0	0	12	0	0	0
EHOEE 300 mg/kg	n	12	0	0	12	0	0	12	0	0	0
EHOEE 1000 mg/kg	n	12	0	0	12	0	0	12	0	0	0

Palpebral closure) 0: Normal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Normal, 1: Half opened pupil, 2: Mydriasis
Salivation) 0: None, 1: Slight, 2: Moderate, 3: Marked
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 27 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

In-the-hand observation Period : F0 before mating

Generation : F0 Sex : Male Week : 1 Species : Rat

Test article		Abnormal NC respiration				Vocalization NC			
Dose		0	1	2	3	0	1	2	3
EHOEE 0 mg/kg	n	12	0	0	0	12	0	0	0
EHOEE 100 mg/kg	n	12	0	0	0	12	0	0	0
EHOEE 300 mg/kg	n	12	0	0	0	12	0	0	0
EHOEE 1000 mg/kg	n	12	0	0	0	12	0	0	0

Test article		Reactivity to NC handling				
Dose		-1	0	1	2	3
EHOEE 0 mg/kg	n	0	12	0	0	0
EHOEE 100 mg/kg	n	0	12	0	0	0
EHOEE 300 mg/kg	n	0	12	0	0	0
EHOEE 1000 mg/kg	n	0	12	0	0	0

Abnormal respiration) 0: None, 1: Slight, 2: Moderate, 3: Severe
Vocalization) 0: None, 1: Soft, 2: Moderate, 3: Loud/aggressive
Reactivity to handling) -1: Atypically docile, 0: Easy, 1: Slightly awkward, 2: Awkward, 3: Very Awkward
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 28 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

In-the-hand observation Period : F0 before mating

Generation : F0 Sex : Male Week : 2 Species : Rat

Test article		Ease of removal from cage					Fur condition			
Dose		-1	0	1	2	3	0	1	2	3
EHOEE 0 mg/kg	n	0	12	0	0	0	12	0	0	0
EHOEE 100 mg/kg	n	0	12	0	0	0	12	0	0	0
EHOEE 300 mg/kg	n	0	12	0	0	0	12	0	0	0
EHOEE 1000 mg/kg	n	0	12	0	0	0	12	0	0	0

Test article		Skin				Secretions-Eye, Nose		Exophthalmos	
Dose		0	1	2	3	0	1	0	1
EHOEE 0 mg/kg	n	12	0	0	0	12	0	12	0
EHOEE 100 mg/kg	n	12	0	0	0	12	0	12	0
EHOEE 300 mg/kg	n	12	0	0	0	12	0	12	0
EHOEE 1000 mg/kg	n	12	0	0	0	12	0	12	0

Ease of removal from cage) -1: Atypically docile, 0: Easy, 1: Some resistance/avoidance, 2: Difficult, 3: Very difficult
Fur condition) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Normal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 29 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

In-the-hand observation Period : F0 before mating

Generation : F0 Sex : Male Week : 2 Species : Rat

Test article		Palpebral NC closure				Mucosal NC membranes				Lacrimation NC	
Dose		0	1	2	3	0	1	2	3	0	1
EHOEE 0 mg/kg	n	12	0	0	0	12	0	0	0	12	0
EHOEE 100 mg/kg	n	12	0	0	0	12	0	0	0	12	0
EHOEE 300 mg/kg	n	12	0	0	0	12	0	0	0	12	0
EHOEE 1000 mg/kg	n	12	0	0	0	12	0	0	0	12	0

Test article		Piloerection NC		Pupil size NC				Salivation NC			
Dose		0	1	-1	0	1	2	0	1	2	3
EHOEE 0 mg/kg	n	12	0	0	12	0	0	12	0	0	0
EHOEE 100 mg/kg	n	12	0	0	12	0	0	12	0	0	0
EHOEE 300 mg/kg	n	12	0	0	12	0	0	12	0	0	0
EHOEE 1000 mg/kg	n	12	0	0	12	0	0	12	0	0	0

Palpebral closure) 0: Normal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Normal, 1: Half opened pupil, 2: Mydriasis
Salivation) 0: None, 1: Slight, 2: Moderate, 3: Marked
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 30 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

In-the-hand observation Period : F0 before mating

Generation : F0 Sex : Male Week : 2 Species : Rat

Test article		Abnormal NC respiration				Vocalization NC			
Dose		0	1	2	3	0	1	2	3
EHOEE 0 mg/kg	n	12	0	0	0	12	0	0	0
EHOEE 100 mg/kg	n	12	0	0	0	12	0	0	0
EHOEE 300 mg/kg	n	12	0	0	0	12	0	0	0
EHOEE 1000 mg/kg	n	12	0	0	0	12	0	0	0

Test article		Reactivity to NC handling				
Dose		-1	0	1	2	3
EHOEE 0 mg/kg	n	0	12	0	0	0
EHOEE 100 mg/kg	n	0	12	0	0	0
EHOEE 300 mg/kg	n	0	12	0	0	0
EHOEE 1000 mg/kg	n	0	12	0	0	0

Abnormal respiration) 0: None, 1: Slight, 2: Moderate, 3: Severe
Vocalization) 0: None, 1: Soft, 2: Moderate, 3: Loud/aggressive
Reactivity to handling) -1: Atypically docile, 0: Easy, 1: Slightly awkward, 2: Awkward, 3: Very Awkward
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 31 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

In-the-hand observation Period : F0 mating

Generation : F0 Sex : Male Week : 3 Species : Rat

Test article		Ease of removal from cage					Fur condition			
Dose		-1	0	1	2	3	0	1	2	3
EHOEE 0 mg/kg	n	0	12	0	0	0	12	0	0	0
EHOEE 100 mg/kg	n	0	12	0	0	0	12	0	0	0
EHOEE 300 mg/kg	n	0	12	0	0	0	12	0	0	0
EHOEE 1000 mg/kg	n	0	12	0	0	0	12	0	0	0

Test article		Skin				Secretions-Eye, Nose		Exophthalmos	
Dose		0	1	2	3	0	1	0	1
EHOEE 0 mg/kg	n	12	0	0	0	12	0	12	0
EHOEE 100 mg/kg	n	12	0	0	0	12	0	12	0
EHOEE 300 mg/kg	n	12	0	0	0	12	0	12	0
EHOEE 1000 mg/kg	n	12	0	0	0	12	0	12	0

Ease of removal from cage) -1: Atypically docile, 0: Easy, 1: Some resistance/avoidance, 2: Difficult, 3: Very difficult
Fur condition) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Normal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 32 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

In-the-hand observation Period : F0 mating

Generation : F0 Sex : Male Week : 3 Species : Rat

Test article		Palpebral NC closure				Mucosal NC membranes				Lacrimation NC	
Dose		0	1	2	3	0	1	2	3	0	1
EHOEE 0 mg/kg	n	12	0	0	0	12	0	0	0	12	0
EHOEE 100 mg/kg	n	12	0	0	0	12	0	0	0	12	0
EHOEE 300 mg/kg	n	12	0	0	0	12	0	0	0	12	0
EHOEE 1000 mg/kg	n	12	0	0	0	12	0	0	0	12	0

Test article		Piloerection NC		Pupil size NC				Salivation NC			
Dose		0	1	-1	0	1	2	0	1	2	3
EHOEE 0 mg/kg	n	12	0	0	12	0	0	12	0	0	0
EHOEE 100 mg/kg	n	12	0	0	12	0	0	12	0	0	0
EHOEE 300 mg/kg	n	12	0	0	12	0	0	12	0	0	0
EHOEE 1000 mg/kg	n	12	0	0	12	0	0	12	0	0	0

Palpebral closure) 0: Normal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Normal, 1: Half opened pupil, 2: Mydriasis
Salivation) 0: None, 1: Slight, 2: Moderate, 3: Marked
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 33 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

In-the-hand observation Period : F0 mating

Generation : F0 Sex : Male Week : 3 Species : Rat

Test article		Abnormal NC respiration				Vocalization NC			
Dose		0	1	2	3	0	1	2	3
EHOEE 0 mg/kg	n	12	0	0	0	12	0	0	0
EHOEE 100 mg/kg	n	12	0	0	0	12	0	0	0
EHOEE 300 mg/kg	n	12	0	0	0	12	0	0	0
EHOEE 1000 mg/kg	n	12	0	0	0	12	0	0	0

Test article		Reactivity to NC handling				
Dose		-1	0	1	2	3
EHOEE 0 mg/kg	n	0	12	0	0	0
EHOEE 100 mg/kg	n	0	12	0	0	0
EHOEE 300 mg/kg	n	0	12	0	0	0
EHOEE 1000 mg/kg	n	0	12	0	0	0

Abnormal respiration) 0: None, 1: Slight, 2: Moderate, 3: Severe
Vocalization) 0: None, 1: Soft, 2: Moderate, 3: Loud/aggressive
Reactivity to handling) -1: Atypically docile, 0: Easy, 1: Slightly awkward, 2: Awkward, 3: Very Awkward
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 34 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

In-the-hand observation Period : F0 mating

Generation : F0 Sex : Male Week : 4 Species : Rat

Test article		Ease of removal from cage					Fur condition			
Dose		-1	0	1	2	3	0	1	2	3
EHOEE 0 mg/kg	n	0	12	0	0	0	12	0	0	0
EHOEE 100 mg/kg	n	0	12	0	0	0	12	0	0	0
EHOEE 300 mg/kg	n	0	12	0	0	0	12	0	0	0
EHOEE 1000 mg/kg	n	0	12	0	0	0	12	0	0	0

Test article		Skin				Secretions-Eye, Nose		Exophthalmos	
Dose		0	1	2	3	0	1	0	1
EHOEE 0 mg/kg	n	12	0	0	0	12	0	12	0
EHOEE 100 mg/kg	n	12	0	0	0	12	0	12	0
EHOEE 300 mg/kg	n	12	0	0	0	12	0	12	0
EHOEE 1000 mg/kg	n	12	0	0	0	12	0	12	0

Ease of removal from cage) -1: Atypically docile, 0: Easy, 1: Some resistance/avoidance, 2: Difficult, 3: Very difficult
Fur condition) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Normal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 35 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

In-the-hand observation Period : F0 mating

Generation : F0 Sex : Male Week : 4 Species : Rat

Test article		Palpebral NC closure				Mucosal NC membranes				Lacrimation NC	
Dose		0	1	2	3	0	1	2	3	0	1
EHOEE 0 mg/kg	n	12	0	0	0	12	0	0	0	12	0
EHOEE 100 mg/kg	n	12	0	0	0	12	0	0	0	12	0
EHOEE 300 mg/kg	n	12	0	0	0	12	0	0	0	12	0
EHOEE 1000 mg/kg	n	12	0	0	0	12	0	0	0	12	0

Test article		Piloerection NC		Pupil size NC				Salivation NC			
Dose		0	1	-1	0	1	2	0	1	2	3
EHOEE 0 mg/kg	n	12	0	0	12	0	0	12	0	0	0
EHOEE 100 mg/kg	n	12	0	0	12	0	0	12	0	0	0
EHOEE 300 mg/kg	n	12	0	0	12	0	0	12	0	0	0
EHOEE 1000 mg/kg	n	12	0	0	12	0	0	12	0	0	0

Palpebral closure) 0: Normal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Normal, 1: Half opened pupil, 2: Mydriasis
Salivation) 0: None, 1: Slight, 2: Moderate, 3: Marked
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 36 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

In-the-hand observation Period : F0 mating

Generation : F0 Sex : Male Week : 4 Species : Rat

Test article		Abnormal NC respiration				Vocalization NC			
Dose		0	1	2	3	0	1	2	3
EHOEE 0 mg/kg	n	12	0	0	0	12	0	0	0
EHOEE 100 mg/kg	n	12	0	0	0	12	0	0	0
EHOEE 300 mg/kg	n	12	0	0	0	12	0	0	0
EHOEE 1000 mg/kg	n	12	0	0	0	12	0	0	0

Test article		Reactivity to NC handling				
Dose		-1	0	1	2	3
EHOEE 0 mg/kg	n	0	12	0	0	0
EHOEE 100 mg/kg	n	0	12	0	0	0
EHOEE 300 mg/kg	n	0	12	0	0	0
EHOEE 1000 mg/kg	n	0	12	0	0	0

Abnormal respiration) 0: None, 1: Slight, 2: Moderate, 3: Severe
Vocalization) 0: None, 1: Soft, 2: Moderate, 3: Loud/aggressive
Reactivity to handling) -1: Atypically docile, 0: Easy, 1: Slightly awkward, 2: Awkward, 3: Very Awkward
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 37 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

In-the-hand observation Period : F0 mating

Generation : F0 Sex : Male Week : 5 Species : Rat

Test article		Ease of removal from cage					Fur condition			
Dose		-1	0	1	2	3	0	1	2	3
EHOEE 0 mg/kg	n	0	12	0	0	0	12	0	0	0
EHOEE 100 mg/kg	n	0	12	0	0	0	12	0	0	0
EHOEE 300 mg/kg	n	0	12	0	0	0	12	0	0	0
EHOEE 1000 mg/kg	n	0	12	0	0	0	12	0	0	0

Test article		Skin				Secretions-Eye, Nose		Exophthalmos	
Dose		0	1	2	3	0	1	0	1
EHOEE 0 mg/kg	n	12	0	0	0	12	0	12	0
EHOEE 100 mg/kg	n	12	0	0	0	12	0	12	0
EHOEE 300 mg/kg	n	12	0	0	0	12	0	12	0
EHOEE 1000 mg/kg	n	12	0	0	0	12	0	12	0

Ease of removal from cage) -1: Atypically docile, 0: Easy, 1: Some resistance/avoidance, 2: Difficult, 3: Very difficult
Fur condition) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Normal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 38 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

In-the-hand observation Period : F0 mating

Generation : F0 Sex : Male Week : 5 Species : Rat

Test article		Palpebral NC closure				Mucosal NC membranes				Lacrimation NC	
Dose		0	1	2	3	0	1	2	3	0	1
EHOEE 0 mg/kg	n	12	0	0	0	12	0	0	0	12	0
EHOEE 100 mg/kg	n	12	0	0	0	12	0	0	0	12	0
EHOEE 300 mg/kg	n	12	0	0	0	12	0	0	0	12	0
EHOEE 1000 mg/kg	n	12	0	0	0	12	0	0	0	12	0

Test article		Piloerection NC		Pupil size NC				Salivation NC			
Dose		0	1	-1	0	1	2	0	1	2	3
EHOEE 0 mg/kg	n	12	0	0	12	0	0	12	0	0	0
EHOEE 100 mg/kg	n	12	0	0	12	0	0	12	0	0	0
EHOEE 300 mg/kg	n	12	0	0	12	0	0	12	0	0	0
EHOEE 1000 mg/kg	n	12	0	0	12	0	0	12	0	0	0

Palpebral closure) 0: Normal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Normal, 1: Half opened pupil, 2: Mydriasis
Salivation) 0: None, 1: Slight, 2: Moderate, 3: Marked
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 39 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

In-the-hand observation Period : F0 mating

Generation : F0 Sex : Male Week : 5 Species : Rat

Test article		Abnormal NC respiration				Vocalization NC			
Dose		0	1	2	3	0	1	2	3
EHOEE 0 mg/kg	n	12	0	0	0	12	0	0	0
EHOEE 100 mg/kg	n	12	0	0	0	12	0	0	0
EHOEE 300 mg/kg	n	12	0	0	0	12	0	0	0
EHOEE 1000 mg/kg	n	12	0	0	0	12	0	0	0

Test article		Reactivity to NC handling				
Dose		-1	0	1	2	3
EHOEE 0 mg/kg	n	0	12	0	0	0
EHOEE 100 mg/kg	n	0	12	0	0	0
EHOEE 300 mg/kg	n	0	12	0	0	0
EHOEE 1000 mg/kg	n	0	12	0	0	0

Abnormal respiration) 0: None, 1: Slight, 2: Moderate, 3: Severe
Vocalization) 0: None, 1: Soft, 2: Moderate, 3: Loud/aggressive
Reactivity to handling) -1: Atypically docile, 0: Easy, 1: Slightly awkward, 2: Awkward, 3: Very Awkward
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 40 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

In-the-hand observation Period : F0 mating

Generation : F0 Sex : Male Week : 6 Species : Rat

Test article		Ease of removal from cage					Fur condition			
Dose		-1	0	1	2	3	0	1	2	3
EHOEE 0 mg/kg	n	0	12	0	0	0	12	0	0	0
EHOEE 100 mg/kg	n	0	12	0	0	0	12	0	0	0
EHOEE 300 mg/kg	n	0	12	0	0	0	12	0	0	0
EHOEE 1000 mg/kg	n	0	12	0	0	0	12	0	0	0

Test article		Skin				Secretions-Eye, Nose		Exophthalmos	
Dose		0	1	2	3	0	1	0	1
EHOEE 0 mg/kg	n	12	0	0	0	12	0	12	0
EHOEE 100 mg/kg	n	12	0	0	0	12	0	12	0
EHOEE 300 mg/kg	n	12	0	0	0	12	0	12	0
EHOEE 1000 mg/kg	n	12	0	0	0	12	0	12	0

Ease of removal from cage) -1: Atypically docile, 0: Easy, 1: Some resistance/avoidance, 2: Difficult, 3: Very difficult
Fur condition) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Normal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 41 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

In-the-hand observation Period : F0 mating

Generation : F0 Sex : Male Week : 6 Species : Rat

Test article		Palpebral NC closure				Mucosal NC membranes				Lacrimation NC	
Dose		0	1	2	3	0	1	2	3	0	1
EHOEE 0 mg/kg	n	12	0	0	0	12	0	0	0	12	0
EHOEE 100 mg/kg	n	12	0	0	0	12	0	0	0	12	0
EHOEE 300 mg/kg	n	12	0	0	0	12	0	0	0	12	0
EHOEE 1000 mg/kg	n	12	0	0	0	12	0	0	0	12	0

Test article		Piloerection NC		Pupil size NC				Salivation NC			
Dose		0	1	-1	0	1	2	0	1	2	3
EHOEE 0 mg/kg	n	12	0	0	12	0	0	12	0	0	0
EHOEE 100 mg/kg	n	12	0	0	12	0	0	12	0	0	0
EHOEE 300 mg/kg	n	12	0	0	12	0	0	12	0	0	0
EHOEE 1000 mg/kg	n	12	0	0	12	0	0	12	0	0	0

Palpebral closure) 0: Normal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Normal, 1: Half opened pupil, 2: Mydriasis
Salivation) 0: None, 1: Slight, 2: Moderate, 3: Marked
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 42 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

In-the-hand observation Period : F0 mating

Generation : F0 Sex : Male Week : 6 Species : Rat

Test article		Abnormal NC respiration				Vocalization NC			
Dose		0	1	2	3	0	1	2	3
EHOEE 0 mg/kg	n	12	0	0	0	12	0	0	0
EHOEE 100 mg/kg	n	12	0	0	0	12	0	0	0
EHOEE 300 mg/kg	n	12	0	0	0	12	0	0	0
EHOEE 1000 mg/kg	n	12	0	0	0	12	0	0	0

Test article		Reactivity to NC handling				
Dose		-1	0	1	2	3
EHOEE 0 mg/kg	n	0	12	0	0	0
EHOEE 100 mg/kg	n	0	12	0	0	0
EHOEE 300 mg/kg	n	0	12	0	0	0
EHOEE 1000 mg/kg	n	0	12	0	0	0

Abnormal respiration) 0: None, 1: Slight, 2: Moderate, 3: Severe
Vocalization) 0: None, 1: Soft, 2: Moderate, 3: Loud/aggressive
Reactivity to handling) -1: Atypically docile, 0: Easy, 1: Slightly awkward, 2: Awkward, 3: Very Awkward
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 43 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

In-the-hand observation Period : F0 before mating

Generation : F0 Sex : Female Week : 1 Species : Rat

Test article		Ease of removal from cage					Fur condition			
Dose		-1	0	1	2	3	0	1	2	3
EHOEE 0 mg/kg	n	0	12	0	0	0	12	0	0	0
EHOEE 100 mg/kg	n	0	12	0	0	0	12	0	0	0
EHOEE 300 mg/kg	n	0	12	0	0	0	12	0	0	0
EHOEE 1000 mg/kg	n	0	12	0	0	0	12	0	0	0

Test article		Skin				Secretions-Eye, Nose		Exophthalmos	
Dose		0	1	2	3	0	1	0	1
EHOEE 0 mg/kg	n	12	0	0	0	12	0	12	0
EHOEE 100 mg/kg	n	12	0	0	0	12	0	12	0
EHOEE 300 mg/kg	n	12	0	0	0	12	0	12	0
EHOEE 1000 mg/kg	n	12	0	0	0	12	0	12	0

Ease of removal from cage) -1: Atypically docile, 0: Easy, 1: Some resistance/avoidance, 2: Difficult, 3: Very difficult
Fur condition) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Normal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 44 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

In-the-hand observation Period : F0 before mating

Generation : F0 Sex : Female Week : 1 Species : Rat

Test article		Palpebral NC closure				Mucosal NC membranes				Lacrimation NC	
Dose		0	1	2	3	0	1	2	3	0	1
EHOEE 0 mg/kg	n	12	0	0	0	12	0	0	0	12	0
EHOEE 100 mg/kg	n	12	0	0	0	12	0	0	0	12	0
EHOEE 300 mg/kg	n	12	0	0	0	12	0	0	0	12	0
EHOEE 1000 mg/kg	n	12	0	0	0	12	0	0	0	12	0

Test article		Piloerection NC		Pupil size NC				Salivation NC			
Dose		0	1	-1	0	1	2	0	1	2	3
EHOEE 0 mg/kg	n	12	0	0	12	0	0	12	0	0	0
EHOEE 100 mg/kg	n	12	0	0	12	0	0	12	0	0	0
EHOEE 300 mg/kg	n	12	0	0	12	0	0	12	0	0	0
EHOEE 1000 mg/kg	n	12	0	0	12	0	0	12	0	0	0

Palpebral closure) 0: Normal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Normal, 1: Half opened pupil, 2: Mydriasis
Salivation) 0: None, 1: Slight, 2: Moderate, 3: Marked
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 45 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

In-the-hand observation Period : F0 before mating

Generation : F0 Sex : Female Week : 1 Species : Rat

Test article		Abnormal NC respiration				Vocalization NC			
Dose		0	1	2	3	0	1	2	3
EHOEE 0 mg/kg	n	12	0	0	0	12	0	0	0
EHOEE 100 mg/kg	n	12	0	0	0	12	0	0	0
EHOEE 300 mg/kg	n	12	0	0	0	12	0	0	0
EHOEE 1000 mg/kg	n	12	0	0	0	12	0	0	0

Test article		Reactivity to NC handling				
Dose		-1	0	1	2	3
EHOEE 0 mg/kg	n	0	12	0	0	0
EHOEE 100 mg/kg	n	0	12	0	0	0
EHOEE 300 mg/kg	n	0	12	0	0	0
EHOEE 1000 mg/kg	n	0	12	0	0	0

Abnormal respiration) 0: None, 1: Slight, 2: Moderate, 3: Severe
Vocalization) 0: None, 1: Soft, 2: Moderate, 3: Loud/aggressive
Reactivity to handling) -1: Atypically docile, 0: Easy, 1: Slightly awkward, 2: Awkward, 3: Very Awkward
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 46 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

In-the-hand observation Period : F0 before mating

Generation : F0 Sex : Female Week : 2 Species : Rat

Test article		Ease of removal from cage					Fur condition			
Dose		-1	0	1	2	3	0	1	2	3
EHOEE 0 mg/kg	n	0	12	0	0	0	12	0	0	0
EHOEE 100 mg/kg	n	0	12	0	0	0	12	0	0	0
EHOEE 300 mg/kg	n	0	12	0	0	0	12	0	0	0
EHOEE 1000 mg/kg	n	0	12	0	0	0	12	0	0	0

Test article		Skin				Secretions-Eye, Nose		Exophthalmos	
Dose		0	1	2	3	0	1	0	1
EHOEE 0 mg/kg	n	12	0	0	0	12	0	12	0
EHOEE 100 mg/kg	n	12	0	0	0	12	0	12	0
EHOEE 300 mg/kg	n	12	0	0	0	12	0	12	0
EHOEE 1000 mg/kg	n	12	0	0	0	12	0	12	0

Ease of removal from cage) -1: Atypically docile, 0: Easy, 1: Some resistance/avoidance, 2: Difficult, 3: Very difficult
Fur condition) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Normal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 47 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

In-the-hand observation Period : F0 before mating

Generation : F0 Sex : Female Week : 2 Species : Rat

Test article		Palpebral NC closure				Mucosal NC membranes				Lacrimation NC	
Dose		0	1	2	3	0	1	2	3	0	1
EHOEE 0 mg/kg	n	12	0	0	0	12	0	0	0	12	0
EHOEE 100 mg/kg	n	12	0	0	0	12	0	0	0	12	0
EHOEE 300 mg/kg	n	12	0	0	0	12	0	0	0	12	0
EHOEE 1000 mg/kg	n	12	0	0	0	12	0	0	0	12	0

Test article		Piloerection NC		Pupil size NC				Salivation NC			
Dose		0	1	-1	0	1	2	0	1	2	3
EHOEE 0 mg/kg	n	12	0	0	12	0	0	12	0	0	0
EHOEE 100 mg/kg	n	12	0	0	12	0	0	12	0	0	0
EHOEE 300 mg/kg	n	12	0	0	12	0	0	12	0	0	0
EHOEE 1000 mg/kg	n	12	0	0	12	0	0	12	0	0	0

Palpebral closure) 0: Normal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Normal, 1: Half opened pupil, 2: Mydriasis
Salivation) 0: None, 1: Slight, 2: Moderate, 3: Marked
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 48 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

In-the-hand observation Period : F0 before mating

Generation : F0 Sex : Female Week : 2 Species : Rat

Test article		Abnormal NC respiration				Vocalization NC			
Dose		0	1	2	3	0	1	2	3
EHOEE 0 mg/kg	n	12	0	0	0	12	0	0	0
EHOEE 100 mg/kg	n	12	0	0	0	12	0	0	0
EHOEE 300 mg/kg	n	12	0	0	0	12	0	0	0
EHOEE 1000 mg/kg	n	12	0	0	0	12	0	0	0

Test article		Reactivity to NC handling				
Dose		-1	0	1	2	3
EHOEE 0 mg/kg	n	0	12	0	0	0
EHOEE 100 mg/kg	n	0	12	0	0	0
EHOEE 300 mg/kg	n	0	12	0	0	0
EHOEE 1000 mg/kg	n	0	12	0	0	0

Abnormal respiration) 0: None, 1: Slight, 2: Moderate, 3: Severe
Vocalization) 0: None, 1: Soft, 2: Moderate, 3: Loud/aggressive
Reactivity to handling) -1: Atypically docile, 0: Easy, 1: Slightly awkward, 2: Awkward, 3: Very Awkward
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 49 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

In-the-hand observation Period : F0 gestation

Generation : F0 Sex : Female Day : 1 Species : Rat

Test article		Ease of removal from cage					Fur condition			
Dose		-1	0	1	2	3	0	1	2	3
EHOEE 0 mg/kg	n	0	11	0	0	0	11	0	0	0
EHOEE 100 mg/kg	n	0	12	0	0	0	12	0	0	0
EHOEE 300 mg/kg	n	0	12	0	0	0	12	0	0	0
EHOEE 1000 mg/kg	n	0	12	0	0	0	12	0	0	0

Test article		Skin				Secretions-Eye, Nose		Exophthalmos	
Dose		0	1	2	3	0	1	0	1
EHOEE 0 mg/kg	n	11	0	0	0	11	0	11	0
EHOEE 100 mg/kg	n	12	0	0	0	12	0	12	0
EHOEE 300 mg/kg	n	12	0	0	0	12	0	12	0
EHOEE 1000 mg/kg	n	12	0	0	0	12	0	12	0

Ease of removal from cage) -1: Atypically docile, 0: Easy, 1: Some resistance/avoidance, 2: Difficult, 3: Very difficult
Fur condition) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Normal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

Table 2 - 50 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

In-the-hand observation Period : F0 gestation

Generation : F0 Sex : Female Day : 1 Species : Rat

Test article		Palpebral NC closure				Mucosal NC membranes				Lacrimation NC	
Dose		0	1	2	3	0	1	2	3	0	1
EHOEE 0 mg/kg	n	11	0	0	0	11	0	0	0	11	0
EHOEE 100 mg/kg	n	12	0	0	0	12	0	0	0	12	0
EHOEE 300 mg/kg	n	12	0	0	0	12	0	0	0	12	0
EHOEE 1000 mg/kg	n	12	0	0	0	12	0	0	0	12	0

Test article		Piloerection NC		Pupil size NC				Salivation NC			
Dose		0	1	-1	0	1	2	0	1	2	3
EHOEE 0 mg/kg	n	11	0	0	11	0	0	11	0	0	0
EHOEE 100 mg/kg	n	12	0	0	12	0	0	12	0	0	0
EHOEE 300 mg/kg	n	12	0	0	12	0	0	12	0	0	0
EHOEE 1000 mg/kg	n	12	0	0	12	0	0	12	0	0	0

Palpebral closure) 0: Normal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Normal, 1: Half opened pupil, 2: Mydriasis
Salivation) 0: None, 1: Slight, 2: Moderate, 3: Marked
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

Table 2 - 51 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

In-the-hand observation Period : F0 gestation

Generation : F0 Sex : Female Day : 1 Species : Rat

Test article		Abnormal NC respiration				Vocalization NC			
Dose		0	1	2	3	0	1	2	3
EHOEE 0 mg/kg	n	11	0	0	0	11	0	0	0
EHOEE 100 mg/kg	n	12	0	0	0	12	0	0	0
EHOEE 300 mg/kg	n	12	0	0	0	12	0	0	0
EHOEE 1000 mg/kg	n	12	0	0	0	12	0	0	0

Test article		Reactivity to NC handling				
Dose		-1	0	1	2	3
EHOEE 0 mg/kg	n	0	11	0	0	0
EHOEE 100 mg/kg	n	0	12	0	0	0
EHOEE 300 mg/kg	n	0	12	0	0	0
EHOEE 1000 mg/kg	n	0	12	0	0	0

Abnormal respiration) 0: None, 1: Slight, 2: Moderate, 3: Severe
Vocalization) 0: None, 1: Soft, 2: Moderate, 3: Loud/aggressive
Reactivity to handling) -1: Atypically docile, 0: Easy, 1: Slightly awkward, 2: Awkward, 3: Very Awkward
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

Table 2 - 52 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

In-the-hand observation Period : F0 gestation

Generation : F0 Sex : Female Day : 7 Species : Rat

Test article		Ease of removal from cage NC					Fur condition NC			
Dose		-1	0	1	2	3	0	1	2	3
EHOEE 0 mg/kg	n	0	11	0	0	0	11	0	0	0
EHOEE 100 mg/kg	n	0	12	0	0	0	12	0	0	0
EHOEE 300 mg/kg	n	0	12	0	0	0	12	0	0	0
EHOEE 1000 mg/kg	n	0	12	0	0	0	12	0	0	0

Test article		Skin NC				Secretions- NC Eye, Nose		Exophthalmos NC	
Dose		0	1	2	3	0	1	0	1
EHOEE 0 mg/kg	n	11	0	0	0	11	0	11	0
EHOEE 100 mg/kg	n	12	0	0	0	12	0	12	0
EHOEE 300 mg/kg	n	12	0	0	0	12	0	12	0
EHOEE 1000 mg/kg	n	12	0	0	0	12	0	12	0

Ease of removal from cage) -1: Atypically docile, 0: Easy, 1: Some resistance/avoidance, 2: Difficult, 3: Very difficult
Fur condition) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Normal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

Table 2 - 53 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

In-the-hand observation Period : F0 gestation

Generation : F0 Sex : Female Day : 7 Species : Rat

Test article		Palpebral NC closure				Mucosal NC membranes				Lacrimation NC	
Dose		0	1	2	3	0	1	2	3	0	1
EHOEE 0 mg/kg	n	11	0	0	0	11	0	0	0	11	0
EHOEE 100 mg/kg	n	12	0	0	0	12	0	0	0	12	0
EHOEE 300 mg/kg	n	12	0	0	0	12	0	0	0	12	0
EHOEE 1000 mg/kg	n	12	0	0	0	12	0	0	0	12	0

Test article		Piloerection NC		Pupil size NC				Salivation NC			
Dose		0	1	-1	0	1	2	0	1	2	3
EHOEE 0 mg/kg	n	11	0	0	11	0	0	11	0	0	0
EHOEE 100 mg/kg	n	12	0	0	12	0	0	12	0	0	0
EHOEE 300 mg/kg	n	12	0	0	12	0	0	12	0	0	0
EHOEE 1000 mg/kg	n	12	0	0	12	0	0	12	0	0	0

Palpebral closure) 0: Normal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Normal, 1: Half opened pupil, 2: Mydriasis
Salivation) 0: None, 1: Slight, 2: Moderate, 3: Marked
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

Table 2 - 54 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

In-the-hand observation Period : F0 gestation

Generation : F0 Sex : Female Day : 7 Species : Rat

Test article		Abnormal NC respiration				Vocalization NC			
Dose		0	1	2	3	0	1	2	3
EHOEE 0 mg/kg	n	11	0	0	0	11	0	0	0
EHOEE 100 mg/kg	n	12	0	0	0	12	0	0	0
EHOEE 300 mg/kg	n	12	0	0	0	12	0	0	0
EHOEE 1000 mg/kg	n	12	0	0	0	12	0	0	0

Test article		Reactivity to NC handling				
Dose		-1	0	1	2	3
EHOEE 0 mg/kg	n	0	11	0	0	0
EHOEE 100 mg/kg	n	0	12	0	0	0
EHOEE 300 mg/kg	n	0	12	0	0	0
EHOEE 1000 mg/kg	n	0	12	0	0	0

Abnormal respiration) 0: None, 1: Slight, 2: Moderate, 3: Severe
Vocalization) 0: None, 1: Soft, 2: Moderate, 3: Loud/aggressive
Reactivity to handling) -1: Atypically docile, 0: Easy, 1: Slightly awkward, 2: Awkward, 3: Very Awkward
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

Table 2 - 55 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

In-the-hand observation Period : F0 gestation

Generation : F0 Sex : Female Day : 14 Species : Rat

Test article		Ease of removal from cage					Fur condition			
Dose		-1	0	1	2	3	0	1	2	3
EHOEE 0 mg/kg	n	0	11	0	0	0	11	0	0	0
EHOEE 100 mg/kg	n	0	12	0	0	0	12	0	0	0
EHOEE 300 mg/kg	n	0	12	0	0	0	12	0	0	0
EHOEE 1000 mg/kg	n	0	12	0	0	0	12	0	0	0

Test article		Skin				Secretions-Eye, Nose		Exophthalmos	
Dose		0	1	2	3	0	1	0	1
EHOEE 0 mg/kg	n	11	0	0	0	11	0	11	0
EHOEE 100 mg/kg	n	12	0	0	0	12	0	12	0
EHOEE 300 mg/kg	n	12	0	0	0	12	0	12	0
EHOEE 1000 mg/kg	n	12	0	0	0	12	0	12	0

Ease of removal from cage) -1: Atypically docile, 0: Easy, 1: Some resistance/avoidance, 2: Difficult, 3: Very difficult
Fur condition) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Normal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

Table 2 - 56 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

In-the-hand observation Period : F0 gestation

Generation : F0 Sex : Female Day : 14 Species : Rat

Test article		Palpebral NC closure				Mucosal NC membranes				Lacrimation NC	
Dose		0	1	2	3	0	1	2	3	0	1
EHOEE 0 mg/kg	n	11	0	0	0	11	0	0	0	11	0
EHOEE 100 mg/kg	n	12	0	0	0	12	0	0	0	12	0
EHOEE 300 mg/kg	n	12	0	0	0	12	0	0	0	12	0
EHOEE 1000 mg/kg	n	12	0	0	0	12	0	0	0	12	0

Test article		Piloerection NC		Pupil size NC				Salivation NC			
Dose		0	1	-1	0	1	2	0	1	2	3
EHOEE 0 mg/kg	n	11	0	0	11	0	0	11	0	0	0
EHOEE 100 mg/kg	n	12	0	0	12	0	0	12	0	0	0
EHOEE 300 mg/kg	n	12	0	0	12	0	0	12	0	0	0
EHOEE 1000 mg/kg	n	12	0	0	12	0	0	12	0	0	0

Palpebral closure) 0: Normal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Normal, 1: Half opened pupil, 2: Mydriasis
Salivation) 0: None, 1: Slight, 2: Moderate, 3: Marked
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

Table 2 - 57 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

In-the-hand observation Period : F0 gestation

Generation : F0 Sex : Female Day : 14 Species : Rat

Test article		Abnormal NC respiration				Vocalization NC			
Dose		0	1	2	3	0	1	2	3
EHOEE 0 mg/kg	n	11	0	0	0	11	0	0	0
EHOEE 100 mg/kg	n	12	0	0	0	12	0	0	0
EHOEE 300 mg/kg	n	12	0	0	0	12	0	0	0
EHOEE 1000 mg/kg	n	12	0	0	0	12	0	0	0

Test article		Reactivity to NC handling				
Dose		-1	0	1	2	3
EHOEE 0 mg/kg	n	0	11	0	0	0
EHOEE 100 mg/kg	n	0	12	0	0	0
EHOEE 300 mg/kg	n	0	12	0	0	0
EHOEE 1000 mg/kg	n	0	12	0	0	0

Abnormal respiration) 0: None, 1: Slight, 2: Moderate, 3: Severe
Vocalization) 0: None, 1: Soft, 2: Moderate, 3: Loud/aggressive
Reactivity to handling) -1: Atypically docile, 0: Easy, 1: Slightly awkward, 2: Awkward, 3: Very Awkward
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

Table 2 - 58 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

In-the-hand observation Period : F0 gestation

Generation : F0 Sex : Female Day : 20 Species : Rat

Test article		Ease of removal from cage					Fur condition			
Dose		-1	0	1	2	3	0	1	2	3
EHOEE 0 mg/kg	n	0	11	0	0	0	11	0	0	0
EHOEE 100 mg/kg	n	0	12	0	0	0	12	0	0	0
EHOEE 300 mg/kg	n	0	12	0	0	0	12	0	0	0
EHOEE 1000 mg/kg	n	0	12	0	0	0	12	0	0	0

Test article		Skin				Secretions-Eye, Nose		Exophthalmos	
Dose		0	1	2	3	0	1	0	1
EHOEE 0 mg/kg	n	11	0	0	0	11	0	11	0
EHOEE 100 mg/kg	n	12	0	0	0	12	0	12	0
EHOEE 300 mg/kg	n	12	0	0	0	12	0	12	0
EHOEE 1000 mg/kg	n	12	0	0	0	12	0	12	0

Ease of removal from cage) -1: Atypically docile, 0: Easy, 1: Some resistance/avoidance, 2: Difficult, 3: Very difficult
Fur condition) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Normal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

Table 2 - 59 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

In-the-hand observation Period : F0 gestation

Generation : F0 Sex : Female Day : 20 Species : Rat

Test article		Palpebral NC closure				Mucosal NC membranes				Lacrimation NC	
Dose		0	1	2	3	0	1	2	3	0	1
EHOEE 0 mg/kg	n	11	0	0	0	11	0	0	0	11	0
EHOEE 100 mg/kg	n	12	0	0	0	12	0	0	0	12	0
EHOEE 300 mg/kg	n	12	0	0	0	12	0	0	0	12	0
EHOEE 1000 mg/kg	n	12	0	0	0	12	0	0	0	12	0

Test article		Piloerection NC		Pupil size NC				Salivation NC			
Dose		0	1	-1	0	1	2	0	1	2	3
EHOEE 0 mg/kg	n	11	0	0	11	0	0	11	0	0	0
EHOEE 100 mg/kg	n	12	0	0	12	0	0	12	0	0	0
EHOEE 300 mg/kg	n	12	0	0	12	0	0	12	0	0	0
EHOEE 1000 mg/kg	n	12	0	0	12	0	0	12	0	0	0

Palpebral closure) 0: Normal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Normal, 1: Half opened pupil, 2: Mydriasis
Salivation) 0: None, 1: Slight, 2: Moderate, 3: Marked
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

Table 2 - 60 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

In-the-hand observation Period : F0 gestation

Generation : F0 Sex : Female Day : 20 Species : Rat

Test article		Abnormal NC respiration				Vocalization NC			
Dose		0	1	2	3	0	1	2	3
EHOEE 0 mg/kg	n	11	0	0	0	11	0	0	0
EHOEE 100 mg/kg	n	12	0	0	0	12	0	0	0
EHOEE 300 mg/kg	n	12	0	0	0	12	0	0	0
EHOEE 1000 mg/kg	n	12	0	0	0	12	0	0	0

Test article		Reactivity to NC handling				
Dose		-1	0	1	2	3
EHOEE 0 mg/kg	n	0	11	0	0	0
EHOEE 100 mg/kg	n	0	12	0	0	0
EHOEE 300 mg/kg	n	0	12	0	0	0
EHOEE 1000 mg/kg	n	0	12	0	0	0

Abnormal respiration) 0: None, 1: Slight, 2: Moderate, 3: Severe
Vocalization) 0: None, 1: Soft, 2: Moderate, 3: Loud/aggressive
Reactivity to handling) -1: Atypically docile, 0: Easy, 1: Slightly awkward, 2: Awkward, 3: Very Awkward
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

Table 2 - 61 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

In-the-hand observation Period : F0 lactation

Generation : F0 Sex : Female Day : 6 Species : Rat

Test article		Ease of removal from cage					Fur condition			
Dose		-1	0	1	2	3	0	1	2	3
EHOEE 0 mg/kg	n	0	11	0	0	0	11	0	0	0
EHOEE 100 mg/kg	n	0	12	0	0	0	12	0	0	0
EHOEE 300 mg/kg	n	0	12	0	0	0	12	0	0	0
EHOEE 1000 mg/kg	n	0	12	0	0	0	12	0	0	0

Test article		Skin				Secretions-Eye, Nose		Exophthalmos	
Dose		0	1	2	3	0	1	0	1
EHOEE 0 mg/kg	n	11	0	0	0	11	0	11	0
EHOEE 100 mg/kg	n	12	0	0	0	12	0	12	0
EHOEE 300 mg/kg	n	12	0	0	0	12	0	12	0
EHOEE 1000 mg/kg	n	12	0	0	0	12	0	12	0

Ease of removal from cage) -1: Atypically docile, 0: Easy, 1: Some resistance/avoidance, 2: Difficult, 3: Very difficult
Fur condition) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Normal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

Table 2 - 62 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

In-the-hand observation Period : F0 lactation

Generation : F0 Sex : Female Day : 6 Species : Rat

Test article		Palpebral NC closure				Mucosal NC membranes				Lacrimation NC	
Dose		0	1	2	3	0	1	2	3	0	1
EHOEE 0 mg/kg	n	11	0	0	0	11	0	0	0	11	0
EHOEE 100 mg/kg	n	12	0	0	0	12	0	0	0	12	0
EHOEE 300 mg/kg	n	12	0	0	0	12	0	0	0	12	0
EHOEE 1000 mg/kg	n	12	0	0	0	12	0	0	0	12	0

Test article		Piloerection NC		Pupil size NC				Salivation NC			
Dose		0	1	-1	0	1	2	0	1	2	3
EHOEE 0 mg/kg	n	11	0	0	11	0	0	11	0	0	0
EHOEE 100 mg/kg	n	12	0	0	12	0	0	12	0	0	0
EHOEE 300 mg/kg	n	12	0	0	12	0	0	12	0	0	0
EHOEE 1000 mg/kg	n	12	0	0	12	0	0	12	0	0	0

Palpebral closure) 0: Normal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Normal, 1: Half opened pupil, 2: Mydriasis
Salivation) 0: None, 1: Slight, 2: Moderate, 3: Marked
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

Table 2 - 63 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

In-the-hand observation Period : F0 lactation

Generation : F0 Sex : Female Day : 6 Species : Rat

Test article		Abnormal NC respiration				Vocalization NC			
Dose		0	1	2	3	0	1	2	3
EHOEE 0 mg/kg	n	11	0	0	0	11	0	0	0
EHOEE 100 mg/kg	n	12	0	0	0	12	0	0	0
EHOEE 300 mg/kg	n	12	0	0	0	12	0	0	0
EHOEE 1000 mg/kg	n	12	0	0	0	12	0	0	0

Test article		Reactivity to NC handling				
Dose		-1	0	1	2	3
EHOEE 0 mg/kg	n	0	11	0	0	0
EHOEE 100 mg/kg	n	0	12	0	0	0
EHOEE 300 mg/kg	n	0	12	0	0	0
EHOEE 1000 mg/kg	n	0	12	0	0	0

Abnormal respiration) 0: None, 1: Slight, 2: Moderate, 3: Severe
Vocalization) 0: None, 1: Soft, 2: Moderate, 3: Loud/aggressive
Reactivity to handling) -1: Atypically docile, 0: Easy, 1: Slightly awkward, 2: Awkward, 3: Very Awkward
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

Table 2 - 64 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

In-the-hand observation Period : F0 lactation

Generation : F0 Sex : Female Day : 13 Species : Rat

Test article		Ease of removal from cage					Fur condition			
Dose		-1	0	1	2	3	0	1	2	3
EHOEE 0 mg/kg	n	0	11	0	0	0	11	0	0	0
EHOEE 100 mg/kg	n	0	12	0	0	0	12	0	0	0
EHOEE 300 mg/kg	n	0	12	0	0	0	12	0	0	0
EHOEE 1000 mg/kg	n	0	12	0	0	0	12	0	0	0

Test article		Skin				Secretions-Eye, Nose		Exophthalmos	
Dose		0	1	2	3	0	1	0	1
EHOEE 0 mg/kg	n	11	0	0	0	11	0	11	0
EHOEE 100 mg/kg	n	12	0	0	0	12	0	12	0
EHOEE 300 mg/kg	n	12	0	0	0	12	0	12	0
EHOEE 1000 mg/kg	n	12	0	0	0	12	0	12	0

Ease of removal from cage) -1: Atypically docile, 0: Easy, 1: Some resistance/avoidance, 2: Difficult, 3: Very difficult
Fur condition) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Normal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

Table 2 - 65 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

In-the-hand observation Period : F0 lactation

Generation : F0 Sex : Female Day : 13 Species : Rat

Test article		Palpebral NC closure				Mucosal NC membranes				Lacrimation NC	
Dose		0	1	2	3	0	1	2	3	0	1
EHOEE 0 mg/kg	n	11	0	0	0	11	0	0	0	11	0
EHOEE 100 mg/kg	n	12	0	0	0	12	0	0	0	12	0
EHOEE 300 mg/kg	n	12	0	0	0	12	0	0	0	12	0
EHOEE 1000 mg/kg	n	12	0	0	0	12	0	0	0	12	0

Test article		Piloerection NC		Pupil size NC				Salivation NC			
Dose		0	1	-1	0	1	2	0	1	2	3
EHOEE 0 mg/kg	n	11	0	0	11	0	0	11	0	0	0
EHOEE 100 mg/kg	n	12	0	0	12	0	0	12	0	0	0
EHOEE 300 mg/kg	n	12	0	0	12	0	0	12	0	0	0
EHOEE 1000 mg/kg	n	12	0	0	12	0	0	12	0	0	0

Palpebral closure) 0: Normal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Normal, 1: Half opened pupil, 2: Mydriasis
Salivation) 0: None, 1: Slight, 2: Moderate, 3: Marked
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

Table 2 - 66 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

In-the-hand observation Period : F0 lactation

Generation : F0 Sex : Female Day : 13 Species : Rat

Test article		Abnormal NC respiration				Vocalization NC			
Dose		0	1	2	3	0	1	2	3
EHOEE 0 mg/kg	n	11	0	0	0	11	0	0	0
EHOEE 100 mg/kg	n	12	0	0	0	12	0	0	0
EHOEE 300 mg/kg	n	12	0	0	0	12	0	0	0
EHOEE 1000 mg/kg	n	12	0	0	0	12	0	0	0

Test article		Reactivity to NC handling				
Dose		-1	0	1	2	3
EHOEE 0 mg/kg	n	0	11	0	0	0
EHOEE 100 mg/kg	n	0	12	0	0	0
EHOEE 300 mg/kg	n	0	12	0	0	0
EHOEE 1000 mg/kg	n	0	12	0	0	0

Abnormal respiration) 0: None, 1: Slight, 2: Moderate, 3: Severe
Vocalization) 0: None, 1: Soft, 2: Moderate, 3: Loud/aggressive
Reactivity to handling) -1: Atypically docile, 0: Easy, 1: Slightly awkward, 2: Awkward, 3: Very Awkward
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

Table 2 - 67 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

In-the-hand observation Period : Administration (non-mating group)

Generation : F0 Sex : Female Week : 1 Species : Rat

Test article		Ease of removal from cage NC					Fur condition NC			
Dose		-1	0	1	2	3	0	1	2	3
EHOEE 0 mg/kg	n	0	10	0	0	0	10	0	0	0
EHOEE 1000 mg/kg	n	0	10	0	0	0	10	0	0	0

Test article		Skin NC				Secretions- NC Eye, Nose		Exophthalmos NC	
Dose		0	1	2	3	0	1	0	1
EHOEE 0 mg/kg	n	10	0	0	0	10	0	10	0
EHOEE 1000 mg/kg	n	10	0	0	0	10	0	10	0

Test article		Palpebral NC closure				Mucosal NC membranes				Lacrimation NC	
Dose		0	1	2	3	0	1	2	3	0	1
EHOEE 0 mg/kg	n	10	0	0	0	10	0	0	0	10	0
EHOEE 1000 mg/kg	n	10	0	0	0	10	0	0	0	10	0

Ease of removal from cage) -1: Atypically docile, 0: Easy, 1: Some resistance/avoidance, 2: Difficult, 3: Very difficult
Fur condition) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Normal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Normal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 68 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

In-the-hand observation Period : Administration (non-mating group)

Generation : F0 Sex : Female Week : 1 Species : Rat

Test article		Piloerection NC		Pupil size NC				Salivation NC			
Dose		0	1	-1	0	1	2	0	1	2	3
EHOEE 0 mg/kg	n	10	0	0	10	0	0	10	0	0	0
EHOEE 1000 mg/kg	n	10	0	0	10	0	0	10	0	0	0

Test article		Abnormal NC respiration				Vocalization NC			
Dose		0	1	2	3	0	1	2	3
EHOEE 0 mg/kg	n	10	0	0	0	10	0	0	0
EHOEE 1000 mg/kg	n	10	0	0	0	10	0	0	0

Test article		Reactivity to NC handling				
Dose		-1	0	1	2	3
EHOEE 0 mg/kg	n	0	10	0	0	0
EHOEE 1000 mg/kg	n	0	10	0	0	0

Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Normal, 1: Half opened pupil, 2: Mydriasis
Salivation) 0: None, 1: Slight, 2: Moderate, 3: Marked
Abnormal respiration) 0: None, 1: Slight, 2: Moderate, 3: Severe
Vocalization) 0: None, 1: Soft, 2: Moderate, 3: Loud/aggressive
Reactivity to handling) -1: Atypically docile, 0: Easy, 1: Slightly awkward, 2: Awkward, 3: Very Awkward
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 69 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

In-the-hand observation Period : Administration (non-mating group)

Generation : F0 Sex : Female Week : 2 Species : Rat

Test article		Ease of removal from cage NC					Fur condition NC			
Dose		-1	0	1	2	3	0	1	2	3
EHOEE 0 mg/kg	n	0	10	0	0	0	10	0	0	0
EHOEE 1000 mg/kg	n	0	10	0	0	0	10	0	0	0

Test article		Skin NC				Secretions- NC Eye, Nose		Exophthalmos NC	
Dose		0	1	2	3	0	1	0	1
EHOEE 0 mg/kg	n	10	0	0	0	10	0	10	0
EHOEE 1000 mg/kg	n	10	0	0	0	10	0	10	0

Test article		Palpebral NC closure				Mucosal NC membranes				Lacrimation NC	
Dose		0	1	2	3	0	1	2	3	0	1
EHOEE 0 mg/kg	n	10	0	0	0	10	0	0	0	10	0
EHOEE 1000 mg/kg	n	10	0	0	0	10	0	0	0	10	0

Ease of removal from cage) -1: Atypically docile, 0: Easy, 1: Some resistance/avoidance, 2: Difficult, 3: Very difficult
Fur condition) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Normal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Normal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 70 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

In-the-hand observation Period : Administration (non-mating group)

Generation : F0 Sex : Female Week : 2 Species : Rat

Test article		Piloerection NC		Pupil size NC				Salivation NC			
Dose		0	1	-1	0	1	2	0	1	2	3
EHOEE 0 mg/kg	n	10	0	0	10	0	0	10	0	0	0
EHOEE 1000 mg/kg	n	10	0	0	10	0	0	10	0	0	0

Test article		Abnormal NC respiration				Vocalization NC			
Dose		0	1	2	3	0	1	2	3
EHOEE 0 mg/kg	n	10	0	0	0	10	0	0	0
EHOEE 1000 mg/kg	n	10	0	0	0	10	0	0	0

Test article		Reactivity to NC handling				
Dose		-1	0	1	2	3
EHOEE 0 mg/kg	n	0	10	0	0	0
EHOEE 1000 mg/kg	n	0	10	0	0	0

Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Normal, 1: Half opened pupil, 2: Mydriasis
Salivation) 0: None, 1: Slight, 2: Moderate, 3: Marked
Abnormal respiration) 0: None, 1: Slight, 2: Moderate, 3: Severe
Vocalization) 0: None, 1: Soft, 2: Moderate, 3: Loud/aggressive
Reactivity to handling) -1: Atypically docile, 0: Easy, 1: Slightly awkward, 2: Awkward, 3: Very Awkward
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 71 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

In-the-hand observation Period : Administration (non-mating group)

Generation : F0 Sex : Female Week : 3 Species : Rat

Test article		Ease of removal from cage NC					Fur condition NC			
Dose		-1	0	1	2	3	0	1	2	3
EHOEE 0 mg/kg	n	0	10	0	0	0	10	0	0	0
EHOEE 1000 mg/kg	n	0	10	0	0	0	10	0	0	0

Test article		Skin NC				Secretions- NC Eye, Nose		Exophthalmos NC	
Dose		0	1	2	3	0	1	0	1
EHOEE 0 mg/kg	n	10	0	0	0	10	0	10	0
EHOEE 1000 mg/kg	n	10	0	0	0	10	0	10	0

Test article		Palpebral NC closure				Mucosal NC membranes				Lacrimation NC	
Dose		0	1	2	3	0	1	2	3	0	1
EHOEE 0 mg/kg	n	10	0	0	0	10	0	0	0	10	0
EHOEE 1000 mg/kg	n	10	0	0	0	10	0	0	0	10	0

Ease of removal from cage) -1: Atypically docile, 0: Easy, 1: Some resistance/avoidance, 2: Difficult, 3: Very difficult
Fur condition) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Normal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Normal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 72 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

In-the-hand observation Period : Administration (non-mating group)

Generation : F0 Sex : Female Week : 3 Species : Rat

Test article		Piloerection NC		Pupil size NC				Salivation NC			
Dose		0	1	-1	0	1	2	0	1	2	3
EHOEE 0 mg/kg	n	10	0	0	10	0	0	10	0	0	0
EHOEE 1000 mg/kg	n	10	0	0	10	0	0	10	0	0	0

Test article		Abnormal NC respiration				Vocalization NC			
Dose		0	1	2	3	0	1	2	3
EHOEE 0 mg/kg	n	10	0	0	0	10	0	0	0
EHOEE 1000 mg/kg	n	10	0	0	0	10	0	0	0

Test article		Reactivity to NC handling				
Dose		-1	0	1	2	3
EHOEE 0 mg/kg	n	0	10	0	0	0
EHOEE 1000 mg/kg	n	0	10	0	0	0

Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Normal, 1: Half opened pupil, 2: Mydriasis
Salivation) 0: None, 1: Slight, 2: Moderate, 3: Marked
Abnormal respiration) 0: None, 1: Slight, 2: Moderate, 3: Severe
Vocalization) 0: None, 1: Soft, 2: Moderate, 3: Loud/aggressive
Reactivity to handling) -1: Atypically docile, 0: Easy, 1: Slightly awkward, 2: Awkward, 3: Very Awkward
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 73 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

In-the-hand observation Period : Administration (non-mating group)

Generation : F0 Sex : Female Week : 4 Species : Rat

Test article		Ease of removal from cage NC					Fur condition NC			
Dose		-1	0	1	2	3	0	1	2	3
EHOEE 0 mg/kg	n	0	10	0	0	0	10	0	0	0
EHOEE 1000 mg/kg	n	0	10	0	0	0	10	0	0	0

Test article		Skin NC				Secretions- NC Eye, Nose		Exophthalmos NC	
Dose		0	1	2	3	0	1	0	1
EHOEE 0 mg/kg	n	10	0	0	0	10	0	10	0
EHOEE 1000 mg/kg	n	10	0	0	0	10	0	10	0

Test article		Palpebral NC closure				Mucosal NC membranes				Lacrimation NC	
Dose		0	1	2	3	0	1	2	3	0	1
EHOEE 0 mg/kg	n	10	0	0	0	10	0	0	0	10	0
EHOEE 1000 mg/kg	n	10	0	0	0	10	0	0	0	10	0

Ease of removal from cage) -1: Atypically docile, 0: Easy, 1: Some resistance/avoidance, 2: Difficult, 3: Very difficult
Fur condition) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Normal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Normal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 74 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

In-the-hand observation Period : Administration (non-mating group)

Generation : F0 Sex : Female Week : 4 Species : Rat

Test article		Piloerection NC		Pupil size NC				Salivation NC			
Dose		0	1	-1	0	1	2	0	1	2	3
EHOEE 0 mg/kg	n	10	0	0	10	0	0	10	0	0	0
EHOEE 1000 mg/kg	n	10	0	0	10	0	0	10	0	0	0

Test article		Abnormal NC respiration				Vocalization NC			
Dose		0	1	2	3	0	1	2	3
EHOEE 0 mg/kg	n	10	0	0	0	10	0	0	0
EHOEE 1000 mg/kg	n	10	0	0	0	10	0	0	0

Test article		Reactivity to NC handling				
Dose		-1	0	1	2	3
EHOEE 0 mg/kg	n	0	10	0	0	0
EHOEE 1000 mg/kg	n	0	10	0	0	0

Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Normal, 1: Half opened pupil, 2: Mydriasis
Salivation) 0: None, 1: Slight, 2: Moderate, 3: Marked
Abnormal respiration) 0: None, 1: Slight, 2: Moderate, 3: Severe
Vocalization) 0: None, 1: Soft, 2: Moderate, 3: Loud/aggressive
Reactivity to handling) -1: Atypically docile, 0: Easy, 1: Slightly awkward, 2: Awkward, 3: Very Awkward
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 75 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

In-the-hand observation Period : Administration (non-mating group)

Generation : F0 Sex : Female Week : 5 Species : Rat

Test article		Ease of removal from cage NC					Fur condition NC			
Dose		-1	0	1	2	3	0	1	2	3
EHOEE 0 mg/kg	n	0	10	0	0	0	10	0	0	0
EHOEE 1000 mg/kg	n	0	10	0	0	0	10	0	0	0

Test article		Skin NC				Secretions- NC Eye, Nose		Exophthalmos NC	
Dose		0	1	2	3	0	1	0	1
EHOEE 0 mg/kg	n	10	0	0	0	10	0	10	0
EHOEE 1000 mg/kg	n	10	0	0	0	10	0	10	0

Test article		Palpebral NC closure				Mucosal NC membranes				Lacrimation NC	
Dose		0	1	2	3	0	1	2	3	0	1
EHOEE 0 mg/kg	n	10	0	0	0	10	0	0	0	10	0
EHOEE 1000 mg/kg	n	10	0	0	0	10	0	0	0	10	0

Ease of removal from cage) -1: Atypically docile, 0: Easy, 1: Some resistance/avoidance, 2: Difficult, 3: Very difficult
Fur condition) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Normal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Normal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 76 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

In-the-hand observation Period : Administration (non-mating group)

Generation : F0 Sex : Female Week : 5 Species : Rat

Test article		Piloerection NC		Pupil size NC				Salivation NC			
Dose		0	1	-1	0	1	2	0	1	2	3
EHOEE 0 mg/kg	n	10	0	0	10	0	0	10	0	0	0
EHOEE 1000 mg/kg	n	10	0	0	10	0	0	10	0	0	0

Test article		Abnormal NC respiration				Vocalization NC			
Dose		0	1	2	3	0	1	2	3
EHOEE 0 mg/kg	n	10	0	0	0	10	0	0	0
EHOEE 1000 mg/kg	n	10	0	0	0	10	0	0	0

Test article		Reactivity to NC handling				
Dose		-1	0	1	2	3
EHOEE 0 mg/kg	n	0	10	0	0	0
EHOEE 1000 mg/kg	n	0	10	0	0	0

Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Normal, 1: Half opened pupil, 2: Mydriasis
Salivation) 0: None, 1: Slight, 2: Moderate, 3: Marked
Abnormal respiration) 0: None, 1: Slight, 2: Moderate, 3: Severe
Vocalization) 0: None, 1: Soft, 2: Moderate, 3: Loud/aggressive
Reactivity to handling) -1: Atypically docile, 0: Easy, 1: Slightly awkward, 2: Awkward, 3: Very Awkward
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 77 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

In-the-hand observation Period : Administration (non-mating group)

Generation : F0 Sex : Female Week : 6 Species : Rat

Test article		Ease of removal from cage NC					Fur condition NC			
Dose		-1	0	1	2	3	0	1	2	3
EHOEE 0 mg/kg	n	0	10	0	0	0	10	0	0	0
EHOEE 1000 mg/kg	n	0	10	0	0	0	10	0	0	0

Test article		Skin NC				Secretions- NC Eye, Nose		Exophthalmos NC	
Dose		0	1	2	3	0	1	0	1
EHOEE 0 mg/kg	n	10	0	0	0	10	0	10	0
EHOEE 1000 mg/kg	n	10	0	0	0	10	0	10	0

Test article		Palpebral NC closure				Mucosal NC membranes				Lacrimation NC	
Dose		0	1	2	3	0	1	2	3	0	1
EHOEE 0 mg/kg	n	10	0	0	0	10	0	0	0	10	0
EHOEE 1000 mg/kg	n	10	0	0	0	10	0	0	0	10	0

Ease of removal from cage) -1: Atypically docile, 0: Easy, 1: Some resistance/avoidance, 2: Difficult, 3: Very difficult
Fur condition) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Normal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Normal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 78 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

In-the-hand observation Period : Administration (non-mating group)

Generation : F0 Sex : Female Week : 6 Species : Rat

Test article		Piloerection NC		Pupil size NC				Salivation NC			
Dose		0	1	-1	0	1	2	0	1	2	3
EHOEE 0 mg/kg	n	10	0	0	10	0	0	10	0	0	0
EHOEE 1000 mg/kg	n	10	0	0	10	0	0	10	0	0	0

Test article		Abnormal NC respiration				Vocalization NC			
Dose		0	1	2	3	0	1	2	3
EHOEE 0 mg/kg	n	10	0	0	0	10	0	0	0
EHOEE 1000 mg/kg	n	10	0	0	0	10	0	0	0

Test article		Reactivity to NC handling				
Dose		-1	0	1	2	3
EHOEE 0 mg/kg	n	0	10	0	0	0
EHOEE 1000 mg/kg	n	0	10	0	0	0

Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Normal, 1: Half opened pupil, 2: Mydriasis
Salivation) 0: None, 1: Slight, 2: Moderate, 3: Marked
Abnormal respiration) 0: None, 1: Slight, 2: Moderate, 3: Severe
Vocalization) 0: None, 1: Soft, 2: Moderate, 3: Loud/aggressive
Reactivity to handling) -1: Atypically docile, 0: Easy, 1: Slightly awkward, 2: Awkward, 3: Very Awkward
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 79 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

In-the-hand observation Period : Recovery

Generation : F0 Sex : Male Week : 1 Species : Rat

Test article		Ease of removal from cage NC					Fur condition NC			
Dose		-1	0	1	2	3	0	1	2	3
EHOEE 0 mg/kg	n	0	5	0	0	0	5	0	0	0
EHOEE 1000 mg/kg	n	0	5	0	0	0	5	0	0	0

Test article		Skin NC				Secretions- NC Eye, Nose		Exophthalmos NC	
Dose		0	1	2	3	0	1	0	1
EHOEE 0 mg/kg	n	5	0	0	0	5	0	5	0
EHOEE 1000 mg/kg	n	5	0	0	0	5	0	5	0

Test article		Palpebral NC closure				Mucosal NC membranes				Lacrimation NC	
Dose		0	1	2	3	0	1	2	3	0	1
EHOEE 0 mg/kg	n	5	0	0	0	5	0	0	0	5	0
EHOEE 1000 mg/kg	n	5	0	0	0	5	0	0	0	5	0

Ease of removal from cage) -1: Atypically docile, 0: Easy, 1: Some resistance/avoidance, 2: Difficult, 3: Very difficult
Fur condition) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Normal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Normal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 80 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

In-the-hand observation Period : Recovery

Generation : F0 Sex : Male Week : 1 Species : Rat

Test article		Piloerection NC		Pupil size NC				Salivation NC			
Dose		0	1	-1	0	1	2	0	1	2	3
EHOEE 0 mg/kg	n	5	0	0	5	0	0	5	0	0	0
EHOEE 1000 mg/kg	n	5	0	0	5	0	0	5	0	0	0

Test article		Abnormal NC respiration				Vocalization NC			
Dose		0	1	2	3	0	1	2	3
EHOEE 0 mg/kg	n	5	0	0	0	5	0	0	0
EHOEE 1000 mg/kg	n	5	0	0	0	5	0	0	0

Test article		Reactivity to NC handling				
Dose		-1	0	1	2	3
EHOEE 0 mg/kg	n	0	5	0	0	0
EHOEE 1000 mg/kg	n	0	5	0	0	0

Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Normal, 1: Half opened pupil, 2: Mydriasis
Salivation) 0: None, 1: Slight, 2: Moderate, 3: Marked
Abnormal respiration) 0: None, 1: Slight, 2: Moderate, 3: Severe
Vocalization) 0: None, 1: Soft, 2: Moderate, 3: Loud/aggressive
Reactivity to handling) -1: Atypically docile, 0: Easy, 1: Slightly awkward, 2: Awkward, 3: Very Awkward
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 81 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

In-the-hand observation Period : Recovery

Generation : F0 Sex : Male Week : 2 Species : Rat

Test article		Ease of removal from cage NC					Fur condition NC			
Dose		-1	0	1	2	3	0	1	2	3
EHOEE 0 mg/kg	n	0	5	0	0	0	5	0	0	0
EHOEE 1000 mg/kg	n	0	5	0	0	0	5	0	0	0

Test article		Skin NC				Secretions- NC Eye, Nose		Exophthalmos NC	
Dose		0	1	2	3	0	1	0	1
EHOEE 0 mg/kg	n	5	0	0	0	5	0	5	0
EHOEE 1000 mg/kg	n	5	0	0	0	5	0	5	0

Test article		Palpebral NC closure				Mucosal NC membranes				Lacrimation NC	
Dose		0	1	2	3	0	1	2	3	0	1
EHOEE 0 mg/kg	n	5	0	0	0	5	0	0	0	5	0
EHOEE 1000 mg/kg	n	5	0	0	0	5	0	0	0	5	0

Ease of removal from cage) -1: Atypically docile, 0: Easy, 1: Some resistance/avoidance, 2: Difficult, 3: Very difficult
Fur condition) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Normal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Normal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 82 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

In-the-hand observation Period : Recovery

Generation : F0 Sex : Male Week : 2 Species : Rat

Test article		Piloerection NC		Pupil size NC				Salivation NC			
Dose		0	1	-1	0	1	2	0	1	2	3
EHOEE 0 mg/kg	n	5	0	0	5	0	0	5	0	0	0
EHOEE 1000 mg/kg	n	5	0	0	5	0	0	5	0	0	0

Test article		Abnormal NC respiration				Vocalization NC			
Dose		0	1	2	3	0	1	2	3
EHOEE 0 mg/kg	n	5	0	0	0	5	0	0	0
EHOEE 1000 mg/kg	n	5	0	0	0	5	0	0	0

Test article		Reactivity to NC handling				
Dose		-1	0	1	2	3
EHOEE 0 mg/kg	n	0	5	0	0	0
EHOEE 1000 mg/kg	n	0	5	0	0	0

Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Normal, 1: Half opened pupil, 2: Mydriasis
Salivation) 0: None, 1: Slight, 2: Moderate, 3: Marked
Abnormal respiration) 0: None, 1: Slight, 2: Moderate, 3: Severe
Vocalization) 0: None, 1: Soft, 2: Moderate, 3: Loud/aggressive
Reactivity to handling) -1: Atypically docile, 0: Easy, 1: Slightly awkward, 2: Awkward, 3: Very Awkward
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 83 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

In-the-hand observation Period : Recovery (non-mating group)

Generation : F0 Sex : Female Week : 1 Species : Rat

Test article		Ease of removal from cage NC					Fur condition NC			
Dose		-1	0	1	2	3	0	1	2	3
EHOEE 0 mg/kg	n	0	5	0	0	0	5	0	0	0
EHOEE 1000 mg/kg	n	0	5	0	0	0	5	0	0	0

Test article		Skin NC				Secretions- NC Eye, Nose		Exophthalmos NC	
Dose		0	1	2	3	0	1	0	1
EHOEE 0 mg/kg	n	5	0	0	0	5	0	5	0
EHOEE 1000 mg/kg	n	5	0	0	0	5	0	5	0

Test article		Palpebral NC closure				Mucosal NC membranes				Lacrimation NC	
Dose		0	1	2	3	0	1	2	3	0	1
EHOEE 0 mg/kg	n	5	0	0	0	5	0	0	0	5	0
EHOEE 1000 mg/kg	n	5	0	0	0	5	0	0	0	5	0

Ease of removal from cage) -1: Atypically docile, 0: Easy, 1: Some resistance/avoidance, 2: Difficult, 3: Very difficult
Fur condition) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Normal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Normal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 84 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

In-the-hand observation Period : Recovery (non-mating group)

Generation : F0 Sex : Female Week : 1 Species : Rat

Test article		Piloerection NC		Pupil size NC				Salivation NC			
Dose		0	1	-1	0	1	2	0	1	2	3
EHOEE 0 mg/kg	n	5	0	0	5	0	0	5	0	0	0
EHOEE 1000 mg/kg	n	5	0	0	5	0	0	5	0	0	0

Test article		Abnormal NC respiration				Vocalization NC			
Dose		0	1	2	3	0	1	2	3
EHOEE 0 mg/kg	n	5	0	0	0	5	0	0	0
EHOEE 1000 mg/kg	n	5	0	0	0	5	0	0	0

Test article		Reactivity to NC handling				
Dose		-1	0	1	2	3
EHOEE 0 mg/kg	n	0	5	0	0	0
EHOEE 1000 mg/kg	n	0	5	0	0	0

Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Normal, 1: Half opened pupil, 2: Mydriasis
Salivation) 0: None, 1: Slight, 2: Moderate, 3: Marked
Abnormal respiration) 0: None, 1: Slight, 2: Moderate, 3: Severe
Vocalization) 0: None, 1: Soft, 2: Moderate, 3: Loud/aggressive
Reactivity to handling) -1: Atypically docile, 0: Easy, 1: Slightly awkward, 2: Awkward, 3: Very Awkward
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 85 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

In-the-hand observation Period : Recovery (non-mating group)

Generation : F0 Sex : Female Week : 2 Species : Rat

Test article		Ease of removal from cage NC					Fur condition NC			
Dose		-1	0	1	2	3	0	1	2	3
EHOEE 0 mg/kg	n	0	5	0	0	0	5	0	0	0
EHOEE 1000 mg/kg	n	0	5	0	0	0	5	0	0	0

Test article		Skin NC				Secretions- NC Eye, Nose		Exophthalmos NC	
Dose		0	1	2	3	0	1	0	1
EHOEE 0 mg/kg	n	5	0	0	0	5	0	5	0
EHOEE 1000 mg/kg	n	5	0	0	0	5	0	5	0

Test article		Palpebral NC closure				Mucosal NC membranes				Lacrimation NC	
Dose		0	1	2	3	0	1	2	3	0	1
EHOEE 0 mg/kg	n	5	0	0	0	5	0	0	0	5	0
EHOEE 1000 mg/kg	n	5	0	0	0	5	0	0	0	5	0

Ease of removal from cage) -1: Atypically docile, 0: Easy, 1: Some resistance/avoidance, 2: Difficult, 3: Very difficult
Fur condition) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Normal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Normal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 86 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

In-the-hand observation Period : Recovery (non-mating group)

Generation : F0 Sex : Female Week : 2 Species : Rat

Test article		Piloerection NC		Pupil size NC				Salivation NC			
Dose		0	1	-1	0	1	2	0	1	2	3
EHOEE 0 mg/kg	n	5	0	0	5	0	0	5	0	0	0
EHOEE 1000 mg/kg	n	5	0	0	5	0	0	5	0	0	0

Test article		Abnormal NC respiration				Vocalization NC			
Dose		0	1	2	3	0	1	2	3
EHOEE 0 mg/kg	n	5	0	0	0	5	0	0	0
EHOEE 1000 mg/kg	n	5	0	0	0	5	0	0	0

Test article		Reactivity to NC handling				
Dose		-1	0	1	2	3
EHOEE 0 mg/kg	n	0	5	0	0	0
EHOEE 1000 mg/kg	n	0	5	0	0	0

Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Normal, 1: Half opened pupil, 2: Mydriasis
Salivation) 0: None, 1: Slight, 2: Moderate, 3: Marked
Abnormal respiration) 0: None, 1: Slight, 2: Moderate, 3: Severe
Vocalization) 0: None, 1: Soft, 2: Moderate, 3: Loud/aggressive
Reactivity to handling) -1: Atypically docile, 0: Easy, 1: Slightly awkward, 2: Awkward, 3: Very Awkward
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 87 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Open field observation Period : F0 before mating

Generation : F0 Sex : Male Week : 1 Species : Rat

Test article		Arousal NC					Convulsion NC			
Dose		-2	-1	0	1	2	0	1	2	3
EHOEE 0 mg/kg	n	0	0	12	0	0	12	0	0	0
EHOEE 100 mg/kg	n	0	0	12	0	0	12	0	0	0
EHOEE 300 mg/kg	n	0	0	12	0	0	12	0	0	0
EHOEE 1000 mg/kg	n	0	0	12	0	0	12	0	0	0

Test article		Abnormal NC behavior				Stereotypy NC			
Dose		0	1	2	3	0	1	2	3
EHOEE 0 mg/kg	n	12	0	0	0	12	0	0	0
EHOEE 100 mg/kg	n	12	0	0	0	12	0	0	0
EHOEE 300 mg/kg	n	12	0	0	0	12	0	0	0
EHOEE 1000 mg/kg	n	12	0	0	0	12	0	0	0

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Normal, 1: Increased alertness, 2: Markedly alert
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Stereotypy) 0: None, 1: Minor, 2: Moderate, 3: Severe
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 88 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Open field observation Period : F0 before mating

Generation : F0 Sex : Male Week : 1 Species : Rat

Test article Dose		Gait NC U	0	1	2	3	Posture NC N	F	H
EHOEE 0 mg/kg	n	0	12	0	0	0	12	0	0
EHOEE 100 mg/kg	n	0	12	0	0	0	12	0	0
EHOEE 300 mg/kg	n	0	12	0	0	0	12	0	0
EHOEE 1000 mg/kg	n	0	12	0	0	0	12	0	0

Test article Dose		Grooming NC 0	1	2	Urination NC 0	1	2	3
EHOEE 0 mg/kg	n	12	0	0	12	0	0	0
EHOEE 100 mg/kg	n	12	0	0	11	1	0	0
EHOEE 300 mg/kg	n	12	0	0	11	1	0	0
EHOEE 1000 mg/kg	n	12	0	0	12	0	0	0

Gait) U: No/minimal location, 0: Normal, 1: Slight, 2: Moderate, 3: Markedly
Posture) N: Normal, F: Flattened, H: Hunched
Grooming) 0: None, 1: Occasional bouts (up to four), 2: Numerous (more than four)
Urination) 0: None, 1: Small amount, 2: Moderate amount, 3: Large/excessive amount
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 89 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Open field observation Period : F0 before mating

Generation : F0 Sex : Male Week : 1 Species : Rat

Test article Dose		Rearing	Defecation count
EHOEE	n	12	12
0 mg/kg	Mean	3	0
	S.D.	3	0
EHOEE	n	12	12
100 mg/kg	Mean	3	0
	S.D.	3	0
EHOEE	n	12	12
300 mg/kg	Mean	3	0
	S.D.	2	0
EHOEE	n	12	12
1000 mg/kg	Mean	2	0
	S.D.	2	0

Not significantly different from EHOEE 0 mg/kg
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 90 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Open field observation Period : F0 before mating

Generation : F0 Sex : Male Week : 2 Species : Rat

Test article		Arousal NC					Convulsion NC			
Dose		-2	-1	0	1	2	0	1	2	3
EHOEE 0 mg/kg	n	0	0	12	0	0	12	0	0	0
EHOEE 100 mg/kg	n	0	0	12	0	0	12	0	0	0
EHOEE 300 mg/kg	n	0	0	12	0	0	12	0	0	0
EHOEE 1000 mg/kg	n	0	0	12	0	0	12	0	0	0

Test article		Abnormal NC behavior				Stereotypy NC			
Dose		0	1	2	3	0	1	2	3
EHOEE 0 mg/kg	n	12	0	0	0	12	0	0	0
EHOEE 100 mg/kg	n	12	0	0	0	12	0	0	0
EHOEE 300 mg/kg	n	12	0	0	0	12	0	0	0
EHOEE 1000 mg/kg	n	12	0	0	0	12	0	0	0

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Normal, 1: Increased alertness, 2: Markedly alert
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Stereotypy) 0: None, 1: Minor, 2: Moderate, 3: Severe
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 91 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Open field observation Period : F0 before mating

Generation : F0 Sex : Male Week : 2 Species : Rat

Test article Dose		Gait NC					Posture NC		
		U	0	1	2	3	N	F	H
EHOEE 0 mg/kg	n	0	12	0	0	0	12	0	0
EHOEE 100 mg/kg	n	0	12	0	0	0	12	0	0
EHOEE 300 mg/kg	n	0	12	0	0	0	12	0	0
EHOEE 1000 mg/kg	n	0	12	0	0	0	12	0	0

Test article Dose		Grooming NC			Urination NC			
		0	1	2	0	1	2	3
EHOEE 0 mg/kg	n	12	0	0	12	0	0	0
EHOEE 100 mg/kg	n	12	0	0	10	2	0	0
EHOEE 300 mg/kg	n	12	0	0	12	0	0	0
EHOEE 1000 mg/kg	n	12	0	0	12	0	0	0

Gait) U: No/minimal location, 0: Normal, 1: Slight, 2: Moderate, 3: Markedly
Posture) N: Normal, F: Flattened, H: Hunched
Grooming) 0: None, 1: Occasional bouts (up to four), 2: Numerous (more than four)
Urination) 0: None, 1: Small amount, 2: Moderate amount, 3: Large/excessive amount
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 92 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Open field observation Period : F0 before mating

Generation : F0 Sex : Male Week : 2 Species : Rat

Test article Dose		Rearing	Defecation count
EHOEE	n	12	12
0 mg/kg	Mean	3	0
	S.D.	2	0
EHOEE	n	12	12
100 mg/kg	Mean	4	0
	S.D.	2	0
EHOEE	n	12	12
300 mg/kg	Mean	3	0
	S.D.	2	0
EHOEE	n	12	12
1000 mg/kg	Mean	4	0
	S.D.	2	0

Not significantly different from EHOEE 0 mg/kg
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 93 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Open field observation Period : F0 mating

Generation : F0 Sex : Male Week : 3 Species : Rat

Test article		Arousal NC					Convulsion NC			
Dose		-2	-1	0	1	2	0	1	2	3
EHOEE 0 mg/kg	n	0	0	12	0	0	12	0	0	0
EHOEE 100 mg/kg	n	0	0	12	0	0	12	0	0	0
EHOEE 300 mg/kg	n	0	0	12	0	0	12	0	0	0
EHOEE 1000 mg/kg	n	0	0	12	0	0	12	0	0	0

Test article		Abnormal NC behavior				Stereotypy NC			
Dose		0	1	2	3	0	1	2	3
EHOEE 0 mg/kg	n	12	0	0	0	12	0	0	0
EHOEE 100 mg/kg	n	12	0	0	0	12	0	0	0
EHOEE 300 mg/kg	n	12	0	0	0	12	0	0	0
EHOEE 1000 mg/kg	n	12	0	0	0	12	0	0	0

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Normal, 1: Increased alertness, 2: Markedly alert
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Stereotypy) 0: None, 1: Minor, 2: Moderate, 3: Severe
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 94 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Open field observation Period : F0 mating

Generation : F0 Sex : Male Week : 3 Species : Rat

Test article Dose		Gait NC					Posture NC		
		U	0	1	2	3	N	F	H
EHOEE 0 mg/kg	n	0	12	0	0	0	12	0	0
EHOEE 100 mg/kg	n	0	12	0	0	0	12	0	0
EHOEE 300 mg/kg	n	0	12	0	0	0	12	0	0
EHOEE 1000 mg/kg	n	0	12	0	0	0	12	0	0

Test article Dose		Grooming NC			Urination NC			
		0	1	2	0	1	2	3
EHOEE 0 mg/kg	n	12	0	0	12	0	0	0
EHOEE 100 mg/kg	n	12	0	0	11	1	0	0
EHOEE 300 mg/kg	n	12	0	0	11	1	0	0
EHOEE 1000 mg/kg	n	12	0	0	12	0	0	0

Gait) U: No/minimal location, 0: Normal, 1: Slight, 2: Moderate, 3: Markedly
Posture) N: Normal, F: Flattened, H: Hunched
Grooming) 0: None, 1: Occasional bouts (up to four), 2: Numerous (more than four)
Urination) 0: None, 1: Small amount, 2: Moderate amount, 3: Large/excessive amount
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 95 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Open field observation Period : F0 mating

Generation : F0 Sex : Male Week : 3 Species : Rat

Test article Dose		Rearing	Defecation count
EHOEE	n	12	12
0 mg/kg	Mean	3	0
	S.D.	2	0
EHOEE	n	12	12
100 mg/kg	Mean	3	0
	S.D.	2	0
EHOEE	n	12	12
300 mg/kg	Mean	3	0
	S.D.	2	0
EHOEE	n	12	12
1000 mg/kg	Mean	4	0
	S.D.	2	0

Not significantly different from EHOEE 0 mg/kg
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 96 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Open field observation Period : F0 mating

Generation : F0 Sex : Male Week : 4 Species : Rat

Test article		Arousal NC					Convulsion NC			
Dose		-2	-1	0	1	2	0	1	2	3
EHOEE 0 mg/kg	n	0	0	12	0	0	12	0	0	0
EHOEE 100 mg/kg	n	0	0	12	0	0	12	0	0	0
EHOEE 300 mg/kg	n	0	0	12	0	0	12	0	0	0
EHOEE 1000 mg/kg	n	0	0	12	0	0	12	0	0	0

Test article		Abnormal NC behavior				Stereotypy NC			
Dose		0	1	2	3	0	1	2	3
EHOEE 0 mg/kg	n	12	0	0	0	12	0	0	0
EHOEE 100 mg/kg	n	12	0	0	0	12	0	0	0
EHOEE 300 mg/kg	n	12	0	0	0	12	0	0	0
EHOEE 1000 mg/kg	n	12	0	0	0	12	0	0	0

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Normal, 1: Increased alertness, 2: Markedly alert
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Stereotypy) 0: None, 1: Minor, 2: Moderate, 3: Severe
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 97 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Open field observation Period : F0 mating

Generation : F0 Sex : Male Week : 4 Species : Rat

Test article Dose		Gait NC					Posture NC		
		U	0	1	2	3	N	F	H
EHOEE 0 mg/kg	n	0	12	0	0	0	12	0	0
EHOEE 100 mg/kg	n	0	12	0	0	0	12	0	0
EHOEE 300 mg/kg	n	0	12	0	0	0	12	0	0
EHOEE 1000 mg/kg	n	0	12	0	0	0	12	0	0

Test article Dose		Grooming NC			Urination NC			
		0	1	2	0	1	2	3
EHOEE 0 mg/kg	n	12	0	0	12	0	0	0
EHOEE 100 mg/kg	n	12	0	0	10	2	0	0
EHOEE 300 mg/kg	n	12	0	0	11	1	0	0
EHOEE 1000 mg/kg	n	12	0	0	12	0	0	0

Gait) U: No/minimal location, 0: Normal, 1: Slight, 2: Moderate, 3: Markedly
Posture) N: Normal, F: Flattened, H: Hunched
Grooming) 0: None, 1: Occasional bouts (up to four), 2: Numerous (more than four)
Urination) 0: None, 1: Small amount, 2: Moderate amount, 3: Large/excessive amount
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 98 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Open field observation Period : F0 mating

Generation : F0 Sex : Male Week : 4 Species : Rat

Test article Dose		Rearing	Defecation count
EHOEE	n	12	12
0 mg/kg	Mean	3	0
	S.D.	2	0
EHOEE	n	12	12
100 mg/kg	Mean	3	0
	S.D.	2	0
EHOEE	n	12	12
300 mg/kg	Mean	3	0
	S.D.	2	0
EHOEE	n	12	12
1000 mg/kg	Mean	4	0
	S.D.	1	0

Not significantly different from EHOEE 0 mg/kg
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 99 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Open field observation Period : F0 mating

Generation : F0 Sex : Male Week : 5 Species : Rat

Test article		Arousal NC					Convulsion NC			
Dose		-2	-1	0	1	2	0	1	2	3
EHOEE 0 mg/kg	n	0	0	12	0	0	12	0	0	0
EHOEE 100 mg/kg	n	0	0	12	0	0	12	0	0	0
EHOEE 300 mg/kg	n	0	0	12	0	0	12	0	0	0
EHOEE 1000 mg/kg	n	0	0	12	0	0	12	0	0	0

Test article		Abnormal NC behavior				Stereotypy NC			
Dose		0	1	2	3	0	1	2	3
EHOEE 0 mg/kg	n	12	0	0	0	12	0	0	0
EHOEE 100 mg/kg	n	12	0	0	0	12	0	0	0
EHOEE 300 mg/kg	n	12	0	0	0	12	0	0	0
EHOEE 1000 mg/kg	n	12	0	0	0	12	0	0	0

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Normal, 1: Increased alertness, 2: Markedly alert
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Stereotypy) 0: None, 1: Minor, 2: Moderate, 3: Severe
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 100 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Open field observation Period : F0 mating

Generation : F0 Sex : Male Week : 5 Species : Rat

Test article Dose		Gait NC					Posture NC		
		U	0	1	2	3	N	F	H
EHOEE 0 mg/kg	n	0	12	0	0	0	12	0	0
EHOEE 100 mg/kg	n	0	12	0	0	0	12	0	0
EHOEE 300 mg/kg	n	0	12	0	0	0	12	0	0
EHOEE 1000 mg/kg	n	0	12	0	0	0	12	0	0

Test article Dose		Grooming NC			Urination NC			
		0	1	2	0	1	2	3
EHOEE 0 mg/kg	n	12	0	0	11	1	0	0
EHOEE 100 mg/kg	n	12	0	0	10	2	0	0
EHOEE 300 mg/kg	n	12	0	0	10	2	0	0
EHOEE 1000 mg/kg	n	12	0	0	11	1	0	0

Gait) U: No/minimal location, 0: Normal, 1: Slight, 2: Moderate, 3: Markedly
Posture) N: Normal, F: Flattened, H: Hunched
Grooming) 0: None, 1: Occasional bouts (up to four), 2: Numerous (more than four)
Urination) 0: None, 1: Small amount, 2: Moderate amount, 3: Large/excessive amount
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 101 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Open field observation Period : F0 mating

Generation : F0 Sex : Male Week : 5 Species : Rat

Test article Dose		Rearing	Defecation count
EHOEE	n	12	12
0 mg/kg	Mean	5	0
	S.D.	2	0
EHOEE	n	12	12
100 mg/kg	Mean	5	0
	S.D.	2	0
EHOEE	n	12	12
300 mg/kg	Mean	4	0
	S.D.	1	0
EHOEE	n	12	12
1000 mg/kg	Mean	5	0
	S.D.	1	0

Not significantly different from EHOEE 0 mg/kg
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 102 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Open field observation Period : F0 mating

Generation : F0 Sex : Male Week : 6 Species : Rat

Test article		Arousal NC					Convulsion NC			
Dose		-2	-1	0	1	2	0	1	2	3
EHOEE 0 mg/kg	n	0	0	12	0	0	12	0	0	0
EHOEE 100 mg/kg	n	0	0	12	0	0	12	0	0	0
EHOEE 300 mg/kg	n	0	0	12	0	0	12	0	0	0
EHOEE 1000 mg/kg	n	0	0	12	0	0	12	0	0	0

Test article		Abnormal NC behavior				Stereotypy NC			
Dose		0	1	2	3	0	1	2	3
EHOEE 0 mg/kg	n	12	0	0	0	12	0	0	0
EHOEE 100 mg/kg	n	12	0	0	0	12	0	0	0
EHOEE 300 mg/kg	n	12	0	0	0	12	0	0	0
EHOEE 1000 mg/kg	n	12	0	0	0	12	0	0	0

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Normal, 1: Increased alertness, 2: Markedly alert
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Stereotypy) 0: None, 1: Minor, 2: Moderate, 3: Severe
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 103 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Open field observation Period : F0 mating

Generation : F0 Sex : Male Week : 6 Species : Rat

Test article Dose		Gait NC					Posture NC		
		U	0	1	2	3	N	F	H
EHOEE 0 mg/kg	n	0	12	0	0	0	12	0	0
EHOEE 100 mg/kg	n	0	12	0	0	0	12	0	0
EHOEE 300 mg/kg	n	0	12	0	0	0	12	0	0
EHOEE 1000 mg/kg	n	0	12	0	0	0	12	0	0

Test article Dose		Grooming NC			Urination NC			
		0	1	2	0	1	2	3
EHOEE 0 mg/kg	n	12	0	0	11	1	0	0
EHOEE 100 mg/kg	n	12	0	0	11	1	0	0
EHOEE 300 mg/kg	n	12	0	0	12	0	0	0
EHOEE 1000 mg/kg	n	12	0	0	10	2	0	0

Gait) U: No/minimal location, 0: Normal, 1: Slight, 2: Moderate, 3: Markedly
Posture) N: Normal, F: Flattened, H: Hunched
Grooming) 0: None, 1: Occasional bouts (up to four), 2: Numerous (more than four)
Urination) 0: None, 1: Small amount, 2: Moderate amount, 3: Large/excessive amount
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 104 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Open field observation Period : F0 mating

Generation : F0 Sex : Male Week : 6 Species : Rat

Test article Dose		Rearing	Defecation count
EHOEE	n	12	12
0 mg/kg	Mean	4	0
	S.D.	2	0
EHOEE	n	12	12
100 mg/kg	Mean	5	0
	S.D.	2	0
EHOEE	n	12	12
300 mg/kg	Mean	4	0
	S.D.	2	0
EHOEE	n	12	12
1000 mg/kg	Mean	5	0
	S.D.	2	0

Not significantly different from EHOEE 0 mg/kg
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 105 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Open field observation Period : F0 before mating

Generation : F0 Sex : Female Week : 1 Species : Rat

Test article		Arousal NC					Convulsion NC			
Dose		-2	-1	0	1	2	0	1	2	3
EHOEE 0 mg/kg	n	0	0	12	0	0	12	0	0	0
EHOEE 100 mg/kg	n	0	0	12	0	0	12	0	0	0
EHOEE 300 mg/kg	n	0	0	12	0	0	12	0	0	0
EHOEE 1000 mg/kg	n	0	0	12	0	0	12	0	0	0

Test article		Abnormal NC behavior				Stereotypy NC			
Dose		0	1	2	3	0	1	2	3
EHOEE 0 mg/kg	n	12	0	0	0	12	0	0	0
EHOEE 100 mg/kg	n	12	0	0	0	12	0	0	0
EHOEE 300 mg/kg	n	12	0	0	0	12	0	0	0
EHOEE 1000 mg/kg	n	12	0	0	0	12	0	0	0

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Normal, 1: Increased alertness, 2: Markedly alert
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Stereotypy) 0: None, 1: Minor, 2: Moderate, 3: Severe
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 106 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Open field observation Period : F0 before mating

Generation : F0 Sex : Female Week : 1 Species : Rat

Test article Dose		Gait NC					Posture NC		
		U	0	1	2	3	N	F	H
EHOEE 0 mg/kg	n	0	12	0	0	0	12	0	0
EHOEE 100 mg/kg	n	0	12	0	0	0	12	0	0
EHOEE 300 mg/kg	n	0	12	0	0	0	12	0	0
EHOEE 1000 mg/kg	n	0	12	0	0	0	12	0	0

Test article Dose		Grooming NC			Urination NC			
		0	1	2	0	1	2	3
EHOEE 0 mg/kg	n	12	0	0	12	0	0	0
EHOEE 100 mg/kg	n	12	0	0	12	0	0	0
EHOEE 300 mg/kg	n	12	0	0	12	0	0	0
EHOEE 1000 mg/kg	n	12	0	0	12	0	0	0

Gait) U: No/minimal location, 0: Normal, 1: Slight, 2: Moderate, 3: Markedly
Posture) N: Normal, F: Flattened, H: Hunched
Grooming) 0: None, 1: Occasional bouts (up to four), 2: Numerous (more than four)
Urination) 0: None, 1: Small amount, 2: Moderate amount, 3: Large/excessive amount
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 107 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Open field observation Period : F0 before mating

Generation : F0 Sex : Female Week : 1 Species : Rat

Test article Dose		Rearing	Defecation count
EHOEE	n	12	12
0 mg/kg	Mean	5	0
	S.D.	3	0
EHOEE	n	12	12
100 mg/kg	Mean	6	0
	S.D.	2	0
EHOEE	n	12	12
300 mg/kg	Mean	7	0
	S.D.	2	0
EHOEE	n	12	12
1000 mg/kg	Mean	5	0
	S.D.	2	0

Not significantly different from EHOEE 0 mg/kg
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 108 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Open field observation Period : F0 before mating

Generation : F0 Sex : Female Week : 2 Species : Rat

Test article		Arousal NC					Convulsion NC			
Dose		-2	-1	0	1	2	0	1	2	3
EHOEE 0 mg/kg	n	0	0	12	0	0	12	0	0	0
EHOEE 100 mg/kg	n	0	0	12	0	0	12	0	0	0
EHOEE 300 mg/kg	n	0	0	12	0	0	12	0	0	0
EHOEE 1000 mg/kg	n	0	0	12	0	0	12	0	0	0

Test article		Abnormal NC behavior				Stereotypy NC			
Dose		0	1	2	3	0	1	2	3
EHOEE 0 mg/kg	n	12	0	0	0	12	0	0	0
EHOEE 100 mg/kg	n	12	0	0	0	12	0	0	0
EHOEE 300 mg/kg	n	12	0	0	0	12	0	0	0
EHOEE 1000 mg/kg	n	12	0	0	0	12	0	0	0

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Normal, 1: Increased alertness, 2: Markedly alert
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Stereotypy) 0: None, 1: Minor, 2: Moderate, 3: Severe
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 109 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Open field observation Period : F0 before mating

Generation : F0 Sex : Female Week : 2 Species : Rat

Test article Dose		Gait NC					Posture NC		
		U	0	1	2	3	N	F	H
EHOEE 0 mg/kg	n	0	12	0	0	0	12	0	0
EHOEE 100 mg/kg	n	0	12	0	0	0	12	0	0
EHOEE 300 mg/kg	n	0	12	0	0	0	12	0	0
EHOEE 1000 mg/kg	n	0	12	0	0	0	12	0	0

Test article Dose		Grooming NC			Urination NC			
		0	1	2	0	1	2	3
EHOEE 0 mg/kg	n	12	0	0	12	0	0	0
EHOEE 100 mg/kg	n	12	0	0	12	0	0	0
EHOEE 300 mg/kg	n	12	0	0	12	0	0	0
EHOEE 1000 mg/kg	n	12	0	0	12	0	0	0

Gait) U: No/minimal location, 0: Normal, 1: Slight, 2: Moderate, 3: Markedly
Posture) N: Normal, F: Flattened, H: Hunched
Grooming) 0: None, 1: Occasional bouts (up to four), 2: Numerous (more than four)
Urination) 0: None, 1: Small amount, 2: Moderate amount, 3: Large/excessive amount
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 110 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Open field observation Period : F0 before mating

Generation : F0 Sex : Female Week : 2 Species : Rat

Test article Dose		Rearing	Defecation count
EHOEE	n	12	12
0 mg/kg	Mean	9	0
	S.D.	3	0
EHOEE	n	12	12
100 mg/kg	Mean	8	0
	S.D.	3	0
EHOEE	n	12	12
300 mg/kg	Mean	8	0
	S.D.	2	0
EHOEE	n	12	12
1000 mg/kg	Mean	9	0
	S.D.	2	0

Not significantly different from EHOEE 0 mg/kg
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 111 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Open field observation Period : F0 gestation

Generation : F0 Sex : Female Day : 1 Species : Rat

Test article		Arousal NC					Convulsion NC			
Dose		-2	-1	0	1	2	0	1	2	3
EHOEE 0 mg/kg	n	0	0	11	0	0	11	0	0	0
EHOEE 100 mg/kg	n	0	0	12	0	0	12	0	0	0
EHOEE 300 mg/kg	n	0	0	12	0	0	12	0	0	0
EHOEE 1000 mg/kg	n	0	0	12	0	0	12	0	0	0

Test article		Abnormal NC behavior				Stereotypy NC			
Dose		0	1	2	3	0	1	2	3
EHOEE 0 mg/kg	n	11	0	0	0	11	0	0	0
EHOEE 100 mg/kg	n	12	0	0	0	12	0	0	0
EHOEE 300 mg/kg	n	12	0	0	0	12	0	0	0
EHOEE 1000 mg/kg	n	12	0	0	0	12	0	0	0

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Normal, 1: Increased alertness, 2: Markedly alert
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Stereotypy) 0: None, 1: Minor, 2: Moderate, 3: Severe
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

Table 2 - 112 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Open field observation Period : F0 gestation

Generation : F0 Sex : Female Day : 1 Species : Rat

Test article Dose		Gait NC					Posture NC		
		U	0	1	2	3	N	F	H
EHOEE 0 mg/kg	n	0	11	0	0	0	11	0	0
EHOEE 100 mg/kg	n	0	12	0	0	0	12	0	0
EHOEE 300 mg/kg	n	0	12	0	0	0	12	0	0
EHOEE 1000 mg/kg	n	0	12	0	0	0	12	0	0

Test article Dose		Grooming NC			Urination NC			
		0	1	2	0	1	2	3
EHOEE 0 mg/kg	n	11	0	0	11	0	0	0
EHOEE 100 mg/kg	n	12	0	0	12	0	0	0
EHOEE 300 mg/kg	n	12	0	0	12	0	0	0
EHOEE 1000 mg/kg	n	12	0	0	12	0	0	0

Gait) U: No/minimal location, 0: Normal, 1: Slight, 2: Moderate, 3: Markedly
Posture) N: Normal, F: Flattened, H: Hunched
Grooming) 0: None, 1: Occasional bouts (up to four), 2: Numerous (more than four)
Urination) 0: None, 1: Small amount, 2: Moderate amount, 3: Large/excessive amount
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

Table 2 - 113 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Open field observation Period : F0 gestation

Generation : F0 Sex : Female Day : 1 Species : Rat

Test article Dose		Rearing	Defecation count
EHOEE	n	11	11
0 mg/kg	Mean	6	0
	S.D.	2	0
EHOEE	n	12	12
100 mg/kg	Mean	7	0
	S.D.	2	0
EHOEE	n	12	12
300 mg/kg	Mean	7	0
	S.D.	2	0
EHOEE	n	12	12
1000 mg/kg	Mean	7	0
	S.D.	1	0

Not significantly different from EHOEE 0 mg/kg
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

Table 2 - 114 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Open field observation Period : F0 gestation

Generation : F0 Sex : Female Day : 7 Species : Rat

Test article		Arousal NC					Convulsion NC			
Dose		-2	-1	0	1	2	0	1	2	3
EHOEE 0 mg/kg	n	0	0	11	0	0	11	0	0	0
EHOEE 100 mg/kg	n	0	0	12	0	0	12	0	0	0
EHOEE 300 mg/kg	n	0	0	12	0	0	12	0	0	0
EHOEE 1000 mg/kg	n	0	0	12	0	0	12	0	0	0

Test article		Abnormal NC behavior				Stereotypy NC			
Dose		0	1	2	3	0	1	2	3
EHOEE 0 mg/kg	n	11	0	0	0	11	0	0	0
EHOEE 100 mg/kg	n	12	0	0	0	12	0	0	0
EHOEE 300 mg/kg	n	12	0	0	0	12	0	0	0
EHOEE 1000 mg/kg	n	12	0	0	0	12	0	0	0

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Normal, 1: Increased alertness, 2: Markedly alert
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Stereotypy) 0: None, 1: Minor, 2: Moderate, 3: Severe
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

Table 2 - 115 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Open field observation Period : F0 gestation

Generation : F0 Sex : Female Day : 7 Species : Rat

Test article Dose		Gait NC					Posture NC		
		U	0	1	2	3	N	F	H
EHOEE 0 mg/kg	n	0	11	0	0	0	11	0	0
EHOEE 100 mg/kg	n	0	12	0	0	0	12	0	0
EHOEE 300 mg/kg	n	0	12	0	0	0	12	0	0
EHOEE 1000 mg/kg	n	0	12	0	0	0	12	0	0

Test article Dose		Grooming NC			Urination NC			
		0	1	2	0	1	2	3
EHOEE 0 mg/kg	n	11	0	0	11	0	0	0
EHOEE 100 mg/kg	n	12	0	0	12	0	0	0
EHOEE 300 mg/kg	n	12	0	0	12	0	0	0
EHOEE 1000 mg/kg	n	12	0	0	12	0	0	0

Gait) U: No/minimal location, 0: Normal, 1: Slight, 2: Moderate, 3: Markedly
Posture) N: Normal, F: Flattened, H: Hunched
Grooming) 0: None, 1: Occasional bouts (up to four), 2: Numerous (more than four)
Urination) 0: None, 1: Small amount, 2: Moderate amount, 3: Large/excessive amount
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

Table 2 - 116 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Open field observation Period : F0 gestation

Generation : F0 Sex : Female Day : 7 Species : Rat

Test article Dose		Rearing	Defecation count
EHOEE	n	11	11
0 mg/kg	Mean	6	0
	S.D.	2	0
EHOEE	n	12	12
100 mg/kg	Mean	7	0
	S.D.	2	0
EHOEE	n	12	12
300 mg/kg	Mean	6	0
	S.D.	2	0
EHOEE	n	12	12
1000 mg/kg	Mean	6	0
	S.D.	1	0

Not significantly different from EHOEE 0 mg/kg
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

Table 2 - 117 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Open field observation Period : F0 gestation

Generation : F0 Sex : Female Day : 14 Species : Rat

Test article		Arousal NC					Convulsion NC			
Dose		-2	-1	0	1	2	0	1	2	3
EHOEE 0 mg/kg	n	0	0	11	0	0	11	0	0	0
EHOEE 100 mg/kg	n	0	0	12	0	0	12	0	0	0
EHOEE 300 mg/kg	n	0	0	12	0	0	12	0	0	0
EHOEE 1000 mg/kg	n	0	0	12	0	0	12	0	0	0

Test article		Abnormal NC behavior				Stereotypy NC			
Dose		0	1	2	3	0	1	2	3
EHOEE 0 mg/kg	n	11	0	0	0	11	0	0	0
EHOEE 100 mg/kg	n	12	0	0	0	12	0	0	0
EHOEE 300 mg/kg	n	12	0	0	0	12	0	0	0
EHOEE 1000 mg/kg	n	12	0	0	0	12	0	0	0

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Normal, 1: Increased alertness, 2: Markedly alert
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Stereotypy) 0: None, 1: Minor, 2: Moderate, 3: Severe
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

Table 2 - 118 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Open field observation Period : F0 gestation

Generation : F0 Sex : Female Day : 14 Species : Rat

Test article Dose		Gait NC					Posture NC		
		U	0	1	2	3	N	F	H
EHOEE 0 mg/kg	n	0	11	0	0	0	11	0	0
EHOEE 100 mg/kg	n	0	12	0	0	0	12	0	0
EHOEE 300 mg/kg	n	0	12	0	0	0	12	0	0
EHOEE 1000 mg/kg	n	0	12	0	0	0	12	0	0

Test article Dose		Grooming NC			Urination NC			
		0	1	2	0	1	2	3
EHOEE 0 mg/kg	n	11	0	0	11	0	0	0
EHOEE 100 mg/kg	n	12	0	0	12	0	0	0
EHOEE 300 mg/kg	n	12	0	0	12	0	0	0
EHOEE 1000 mg/kg	n	12	0	0	12	0	0	0

Gait) U: No/minimal location, 0: Normal, 1: Slight, 2: Moderate, 3: Markedly
Posture) N: Normal, F: Flattened, H: Hunched
Grooming) 0: None, 1: Occasional bouts (up to four), 2: Numerous (more than four)
Urination) 0: None, 1: Small amount, 2: Moderate amount, 3: Large/excessive amount
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

Table 2 - 119 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Open field observation Period : F0 gestation

Generation : F0 Sex : Female Day : 14 Species : Rat

Test article Dose		Rearing	Defecation count
EHOEE	n	11	11
0 mg/kg	Mean	5	0
	S.D.	2	0
EHOEE	n	12	12
100 mg/kg	Mean	5	0
	S.D.	2	0
EHOEE	n	12	12
300 mg/kg	Mean	7	0
	S.D.	2	0
EHOEE	n	12	12
1000 mg/kg	Mean	6	0
	S.D.	2	0

Not significantly different from EHOEE 0 mg/kg
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

Table 2 - 120 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Open field observation Period : F0 gestation

Generation : F0 Sex : Female Day : 20 Species : Rat

Test article		Arousal NC					Convulsion NC			
Dose		-2	-1	0	1	2	0	1	2	3
EHOEE 0 mg/kg	n	0	0	11	0	0	11	0	0	0
EHOEE 100 mg/kg	n	0	0	12	0	0	12	0	0	0
EHOEE 300 mg/kg	n	0	0	12	0	0	12	0	0	0
EHOEE 1000 mg/kg	n	0	0	12	0	0	12	0	0	0

Test article		Abnormal NC behavior				Stereotypy NC			
Dose		0	1	2	3	0	1	2	3
EHOEE 0 mg/kg	n	11	0	0	0	11	0	0	0
EHOEE 100 mg/kg	n	12	0	0	0	12	0	0	0
EHOEE 300 mg/kg	n	12	0	0	0	12	0	0	0
EHOEE 1000 mg/kg	n	12	0	0	0	12	0	0	0

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Normal, 1: Increased alertness, 2: Markedly alert
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Stereotypy) 0: None, 1: Minor, 2: Moderate, 3: Severe
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

Table 2 - 121 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Open field observation Period : F0 gestation

Generation : F0 Sex : Female Day : 20 Species : Rat

Test article Dose		Gait NC					Posture NC		
		U	0	1	2	3	N	F	H
EHOEE 0 mg/kg	n	0	11	0	0	0	11	0	0
EHOEE 100 mg/kg	n	0	12	0	0	0	12	0	0
EHOEE 300 mg/kg	n	0	12	0	0	0	12	0	0
EHOEE 1000 mg/kg	n	0	12	0	0	0	12	0	0

Test article Dose		Grooming NC			Urination NC			
		0	1	2	0	1	2	3
EHOEE 0 mg/kg	n	11	0	0	11	0	0	0
EHOEE 100 mg/kg	n	12	0	0	12	0	0	0
EHOEE 300 mg/kg	n	12	0	0	12	0	0	0
EHOEE 1000 mg/kg	n	12	0	0	12	0	0	0

Gait) U: No/minimal location, 0: Normal, 1: Slight, 2: Moderate, 3: Markedly
Posture) N: Normal, F: Flattened, H: Hunched
Grooming) 0: None, 1: Occasional bouts (up to four), 2: Numerous (more than four)
Urination) 0: None, 1: Small amount, 2: Moderate amount, 3: Large/excessive amount
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

Table 2 - 122 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Open field observation Period : F0 gestation

Generation : F0 Sex : Female Day : 20 Species : Rat

Test article Dose		Rearing	Defecation count
EHOEE	n	11	11
0 mg/kg	Mean	3	0
	S.D.	2	0
EHOEE	n	12	12
100 mg/kg	Mean	4	0
	S.D.	2	0
EHOEE	n	12	12
300 mg/kg	Mean	4	0
	S.D.	2	0
EHOEE	n	12	12
1000 mg/kg	Mean	4	0
	S.D.	2	0

Not significantly different from EHOEE 0 mg/kg
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

Table 2 - 123 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Open field observation Period : F0 lactation

Generation : F0 Sex : Female Day : 6 Species : Rat

Test article		Arousal NC					Convulsion NC			
Dose		-2	-1	0	1	2	0	1	2	3
EHOEE 0 mg/kg	n	0	0	11	0	0	11	0	0	0
EHOEE 100 mg/kg	n	0	0	12	0	0	12	0	0	0
EHOEE 300 mg/kg	n	0	0	12	0	0	12	0	0	0
EHOEE 1000 mg/kg	n	0	0	12	0	0	12	0	0	0

Test article		Abnormal NC behavior				Stereotypy NC			
Dose		0	1	2	3	0	1	2	3
EHOEE 0 mg/kg	n	11	0	0	0	11	0	0	0
EHOEE 100 mg/kg	n	12	0	0	0	12	0	0	0
EHOEE 300 mg/kg	n	12	0	0	0	12	0	0	0
EHOEE 1000 mg/kg	n	12	0	0	0	12	0	0	0

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Normal, 1: Increased alertness, 2: Markedly alert
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Stereotypy) 0: None, 1: Minor, 2: Moderate, 3: Severe
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

Table 2 - 124 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Open field observation Period : F0 lactation

Generation : F0 Sex : Female Day : 6 Species : Rat

Test article Dose		Gait NC U	0	1	2	3	Posture NC N	F	H
EHOEE 0 mg/kg	n	0	11	0	0	0	11	0	0
EHOEE 100 mg/kg	n	0	12	0	0	0	12	0	0
EHOEE 300 mg/kg	n	0	12	0	0	0	12	0	0
EHOEE 1000 mg/kg	n	0	12	0	0	0	12	0	0

Test article Dose		Grooming NC 0	1	2	Urination NC 0	1	2	3
EHOEE 0 mg/kg	n	11	0	0	11	0	0	0
EHOEE 100 mg/kg	n	12	0	0	12	0	0	0
EHOEE 300 mg/kg	n	12	0	0	12	0	0	0
EHOEE 1000 mg/kg	n	12	0	0	12	0	0	0

Gait) U: No/minimal location, 0: Normal, 1: Slight, 2: Moderate, 3: Markedly
Posture) N: Normal, F: Flattened, H: Hunched
Grooming) 0: None, 1: Occasional bouts (up to four), 2: Numerous (more than four)
Urination) 0: None, 1: Small amount, 2: Moderate amount, 3: Large/excessive amount
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

Table 2 - 125 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Open field observation Period : F0 lactation

Generation : F0 Sex : Female Day : 6 Species : Rat

Test article Dose		Rearing	Defecation count
EHOEE	n	11	11
0 mg/kg	Mean	5	0
	S.D.	1	0
EHOEE	n	12	12
100 mg/kg	Mean	6	0
	S.D.	1	0
EHOEE	n	12	12
300 mg/kg	Mean	6	0
	S.D.	2	0
EHOEE	n	12	12
1000 mg/kg	Mean	6	0
	S.D.	2	0

Not significantly different from EHOEE 0 mg/kg
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

Table 2 - 126 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Open field observation Period : F0 lactation

Generation : F0 Sex : Female Day : 13 Species : Rat

Test article		Arousal NC					Convulsion NC			
Dose		-2	-1	0	1	2	0	1	2	3
EHOEE 0 mg/kg	n	0	0	11	0	0	11	0	0	0
EHOEE 100 mg/kg	n	0	0	12	0	0	12	0	0	0
EHOEE 300 mg/kg	n	0	0	12	0	0	12	0	0	0
EHOEE 1000 mg/kg	n	0	0	12	0	0	12	0	0	0

Test article		Abnormal NC behavior				Stereotypy NC			
Dose		0	1	2	3	0	1	2	3
EHOEE 0 mg/kg	n	11	0	0	0	11	0	0	0
EHOEE 100 mg/kg	n	12	0	0	0	12	0	0	0
EHOEE 300 mg/kg	n	12	0	0	0	12	0	0	0
EHOEE 1000 mg/kg	n	12	0	0	0	12	0	0	0

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Normal, 1: Increased alertness, 2: Markedly alert
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Stereotypy) 0: None, 1: Minor, 2: Moderate, 3: Severe
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

Table 2 - 127 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Open field observation Period : F0 lactation

Generation : F0 Sex : Female Day : 13 Species : Rat

Test article Dose		Gait NC					Posture NC		
		U	0	1	2	3	N	F	H
EHOEE 0 mg/kg	n	0	11	0	0	0	11	0	0
EHOEE 100 mg/kg	n	0	12	0	0	0	12	0	0
EHOEE 300 mg/kg	n	0	12	0	0	0	12	0	0
EHOEE 1000 mg/kg	n	0	12	0	0	0	12	0	0

Test article Dose		Grooming NC			Urination NC			
		0	1	2	0	1	2	3
EHOEE 0 mg/kg	n	11	0	0	11	0	0	0
EHOEE 100 mg/kg	n	12	0	0	12	0	0	0
EHOEE 300 mg/kg	n	12	0	0	12	0	0	0
EHOEE 1000 mg/kg	n	12	0	0	12	0	0	0

Gait) U: No/minimal location, 0: Normal, 1: Slight, 2: Moderate, 3: Markedly
Posture) N: Normal, F: Flattened, H: Hunched
Grooming) 0: None, 1: Occasional bouts (up to four), 2: Numerous (more than four)
Urination) 0: None, 1: Small amount, 2: Moderate amount, 3: Large/excessive amount
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

Table 2 - 128 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Open field observation Period : F0 lactation

Generation : F0 Sex : Female Day : 13 Species : Rat

Test article Dose		Rearing	Defecation count
EHOEE	n	11	11
0 mg/kg	Mean	6	0
	S.D.	2	0
EHOEE	n	12	12
100 mg/kg	Mean	7	0
	S.D.	1	0
EHOEE	n	12	12
300 mg/kg	Mean	6	0
	S.D.	3	0
EHOEE	n	12	12
1000 mg/kg	Mean	6	0
	S.D.	2	0

Not significantly different from EHOEE 0 mg/kg
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

Table 2 - 129 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Open field observation Period : Administration (non-mating group)

Generation : F0 Sex : Female Week : 1 Species : Rat

Test article		Arousal NC					Convulsion NC			
Dose		-2	-1	0	1	2	0	1	2	3
EHOEE 0 mg/kg	n	0	0	10	0	0	10	0	0	0
EHOEE 1000 mg/kg	n	0	0	10	0	0	10	0	0	0

Test article		Abnormal NC behavior				Stereotypy NC			
Dose		0	1	2	3	0	1	2	3
EHOEE 0 mg/kg	n	10	0	0	0	10	0	0	0
EHOEE 1000 mg/kg	n	10	0	0	0	10	0	0	0

Test article		Gait NC					Posture NC		
Dose		U	0	1	2	3	N	F	H
EHOEE 0 mg/kg	n	0	10	0	0	0	10	0	0
EHOEE 1000 mg/kg	n	0	10	0	0	0	10	0	0

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Normal, 1: Increased alertness, 2: Markedly alert
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Stereotypy) 0: None, 1: Minor, 2: Moderate, 3: Severe
Gait) U: No/minimal location, 0: Normal, 1: Slight, 2: Moderate, 3: Markedly
Posture) N: Normal, F: Flattened, H: Hunched
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 130 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Open field observation Period : Administration (non-mating group)

Generation : F0 Sex : Female Week : 1 Species : Rat

Test article		Grooming NC			Urination NC			
Dose		0	1	2	0	1	2	3
EHOEE 0 mg/kg	n	10	0	0	10	0	0	0
EHOEE 1000 mg/kg	n	10	0	0	10	0	0	0

Grooming) 0: None, 1: Occasional bouts (up to four), 2: Numerous (more than four)
Urination) 0: None, 1: Small amount, 2: Moderate amount, 3: Large/excessive amount
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 131 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Open field observation Period : Administration (non-mating group)

Generation : F0 Sex : Female Week : 1 Species : Rat

Test article Dose		Rearing	Defecation count
EHOEE	n	10	10
0 mg/kg	Mean	5	0
	S.D.	2	0
EHOEE	n	10	10
1000 mg/kg	Mean	6	0
	S.D.	2	0

Not significantly different from EHOEE 0 mg/kg
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 132 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Open field observation Period : Administration (non-mating group)

Generation : F0 Sex : Female Week : 2 Species : Rat

Test article		Arousal NC					Convulsion NC			
Dose		-2	-1	0	1	2	0	1	2	3
EHOEE 0 mg/kg	n	0	0	10	0	0	10	0	0	0
EHOEE 1000 mg/kg	n	0	0	10	0	0	10	0	0	0

Test article		Abnormal NC behavior				Stereotypy NC			
Dose		0	1	2	3	0	1	2	3
EHOEE 0 mg/kg	n	10	0	0	0	10	0	0	0
EHOEE 1000 mg/kg	n	10	0	0	0	10	0	0	0

Test article		Gait NC					Posture NC		
Dose		U	0	1	2	3	N	F	H
EHOEE 0 mg/kg	n	0	10	0	0	0	10	0	0
EHOEE 1000 mg/kg	n	0	10	0	0	0	10	0	0

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Normal, 1: Increased alertness, 2: Markedly alert
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Stereotypy) 0: None, 1: Minor, 2: Moderate, 3: Severe
Gait) U: No/minimal location, 0: Normal, 1: Slight, 2: Moderate, 3: Markedly
Posture) N: Normal, F: Flattened, H: Hunched
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 133 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Open field observation Period : Administration (non-mating group)

Generation : F0 Sex : Female Week : 2 Species : Rat

Test article		Grooming NC			Urination NC			
Dose		0	1	2	0	1	2	3
EHOEE 0 mg/kg	n	10	0	0	10	0	0	0
EHOEE 1000 mg/kg	n	10	0	0	10	0	0	0

Grooming) 0: None, 1: Occasional bouts (up to four), 2: Numerous (more than four)
Urination) 0: None, 1: Small amount, 2: Moderate amount, 3: Large/excessive amount
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 134 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Open field observation Period : Administration (non-mating group)

Generation : F0 Sex : Female Week : 2 Species : Rat

Test article Dose		Rearing	Defecation count
EHOEE	n	10	10
0 mg/kg	Mean	9	0
	S.D.	2	0
EHOEE	n	10	10
1000 mg/kg	Mean	7	0
	S.D.	2	0

Not significantly different from EHOEE 0 mg/kg
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 135 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Open field observation Period : Administration (non-mating group)

Generation : F0 Sex : Female Week : 3 Species : Rat

Test article		Arousal NC					Convulsion NC			
Dose		-2	-1	0	1	2	0	1	2	3
EHOEE 0 mg/kg	n	0	0	10	0	0	10	0	0	0
EHOEE 1000 mg/kg	n	0	0	10	0	0	10	0	0	0

Test article		Abnormal NC behavior				Stereotypy NC			
Dose		0	1	2	3	0	1	2	3
EHOEE 0 mg/kg	n	10	0	0	0	10	0	0	0
EHOEE 1000 mg/kg	n	10	0	0	0	10	0	0	0

Test article		Gait NC					Posture NC		
Dose		U	0	1	2	3	N	F	H
EHOEE 0 mg/kg	n	0	10	0	0	0	10	0	0
EHOEE 1000 mg/kg	n	0	10	0	0	0	10	0	0

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Normal, 1: Increased alertness, 2: Markedly alert
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Stereotypy) 0: None, 1: Minor, 2: Moderate, 3: Severe
Gait) U: No/minimal location, 0: Normal, 1: Slight, 2: Moderate, 3: Markedly
Posture) N: Normal, F: Flattened, H: Hunched
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 136 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Open field observation Period : Administration (non-mating group)

Generation : F0 Sex : Female Week : 3 Species : Rat

Test article		Grooming NC			Urination NC			
Dose		0	1	2	0	1	2	3
EHOEE 0 mg/kg	n	10	0	0	10	0	0	0
EHOEE 1000 mg/kg	n	10	0	0	10	0	0	0

Grooming) 0: None, 1: Occasional bouts (up to four), 2: Numerous (more than four)
Urination) 0: None, 1: Small amount, 2: Moderate amount, 3: Large/excessive amount
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 137 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Open field observation Period : Administration (non-mating group)

Generation : F0 Sex : Female Week : 3 Species : Rat

Test article Dose		Rearing	Defecation count
EHOEE	n	10	10
0 mg/kg	Mean	9	0
	S.D.	2	0
EHOEE	n	10	10
1000 mg/kg	Mean	8	0
	S.D.	2	0

Not significantly different from EHOEE 0 mg/kg
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 138 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Open field observation Period : Administration (non-mating group)

Generation : F0 Sex : Female Week : 4 Species : Rat

Test article		Arousal NC					Convulsion NC			
Dose		-2	-1	0	1	2	0	1	2	3
EHOEE 0 mg/kg	n	0	0	10	0	0	10	0	0	0
EHOEE 1000 mg/kg	n	0	0	10	0	0	10	0	0	0

Test article		Abnormal NC behavior				Stereotypy NC			
Dose		0	1	2	3	0	1	2	3
EHOEE 0 mg/kg	n	10	0	0	0	10	0	0	0
EHOEE 1000 mg/kg	n	10	0	0	0	10	0	0	0

Test article		Gait NC					Posture NC		
Dose		U	0	1	2	3	N	F	H
EHOEE 0 mg/kg	n	0	10	0	0	0	10	0	0
EHOEE 1000 mg/kg	n	0	10	0	0	0	10	0	0

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Normal, 1: Increased alertness, 2: Markedly alert
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Stereotypy) 0: None, 1: Minor, 2: Moderate, 3: Severe
Gait) U: No/minimal location, 0: Normal, 1: Slight, 2: Moderate, 3: Markedly
Posture) N: Normal, F: Flattened, H: Hunched
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 139 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Open field observation Period : Administration (non-mating group)

Generation : F0 Sex : Female Week : 4 Species : Rat

Test article		Grooming NC			Urination NC			
Dose		0	1	2	0	1	2	3
EHOEE 0 mg/kg	n	10	0	0	10	0	0	0
EHOEE 1000 mg/kg	n	10	0	0	10	0	0	0

Grooming) 0: None, 1: Occasional bouts (up to four), 2: Numerous (more than four)
Urination) 0: None, 1: Small amount, 2: Moderate amount, 3: Large/excessive amount
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 140 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Open field observation Period : Administration (non-mating group)

Generation : F0 Sex : Female Week : 4 Species : Rat

Test article Dose		Rearing	Defecation count
EHOEE	n	10	10
0 mg/kg	Mean	8	0
	S.D.	2	0
EHOEE	n	10	10
1000 mg/kg	Mean	7	0
	S.D.	2	0

Not significantly different from EHOEE 0 mg/kg
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 141 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Open field observation Period : Administration (non-mating group)

Generation : F0 Sex : Female Week : 5 Species : Rat

Test article		Arousal NC					Convulsion NC			
Dose		-2	-1	0	1	2	0	1	2	3
EHOEE 0 mg/kg	n	0	0	10	0	0	10	0	0	0
EHOEE 1000 mg/kg	n	0	0	10	0	0	10	0	0	0

Test article		Abnormal NC behavior				Stereotypy NC			
Dose		0	1	2	3	0	1	2	3
EHOEE 0 mg/kg	n	10	0	0	0	10	0	0	0
EHOEE 1000 mg/kg	n	10	0	0	0	10	0	0	0

Test article		Gait NC					Posture NC		
Dose		U	0	1	2	3	N	F	H
EHOEE 0 mg/kg	n	0	10	0	0	0	10	0	0
EHOEE 1000 mg/kg	n	0	10	0	0	0	10	0	0

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Normal, 1: Increased alertness, 2: Markedly alert
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Stereotypy) 0: None, 1: Minor, 2: Moderate, 3: Severe
Gait) U: No/minimal location, 0: Normal, 1: Slight, 2: Moderate, 3: Markedly
Posture) N: Normal, F: Flattened, H: Hunched
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 142 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Open field observation Period : Administration (non-mating group)

Generation : F0 Sex : Female Week : 5 Species : Rat

Test article		Grooming NC			Urination NC			
Dose		0	1	2	0	1	2	3
EHOEE 0 mg/kg	n	10	0	0	10	0	0	0
EHOEE 1000 mg/kg	n	10	0	0	10	0	0	0

Grooming) 0: None, 1: Occasional bouts (up to four), 2: Numerous (more than four)
Urination) 0: None, 1: Small amount, 2: Moderate amount, 3: Large/excessive amount
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 143 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Open field observation Period : Administration (non-mating group)

Generation : F0 Sex : Female Week : 5 Species : Rat

Test article Dose		Rearing	Defecation count
EHOEE	n	10	10
0 mg/kg	Mean	9	0
	S.D.	1	0
EHOEE	n	10	10
1000 mg/kg	Mean	8	0
	S.D.	3	0

Not significantly different from EHOEE 0 mg/kg
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 144 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Open field observation Period : Administration (non-mating group)

Generation : F0 Sex : Female Week : 6 Species : Rat

Test article		Arousal NC					Convulsion NC			
Dose		-2	-1	0	1	2	0	1	2	3
EHOEE 0 mg/kg	n	0	0	10	0	0	10	0	0	0
EHOEE 1000 mg/kg	n	0	0	10	0	0	10	0	0	0

Test article		Abnormal NC behavior				Stereotypy NC			
Dose		0	1	2	3	0	1	2	3
EHOEE 0 mg/kg	n	10	0	0	0	10	0	0	0
EHOEE 1000 mg/kg	n	10	0	0	0	10	0	0	0

Test article		Gait NC					Posture NC		
Dose		U	0	1	2	3	N	F	H
EHOEE 0 mg/kg	n	0	10	0	0	0	10	0	0
EHOEE 1000 mg/kg	n	0	10	0	0	0	10	0	0

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Normal, 1: Increased alertness, 2: Markedly alert
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Stereotypy) 0: None, 1: Minor, 2: Moderate, 3: Severe
Gait) U: No/minimal location, 0: Normal, 1: Slight, 2: Moderate, 3: Markedly
Posture) N: Normal, F: Flattened, H: Hunched
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 145 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Open field observation Period : Administration (non-mating group)

Generation : F0 Sex : Female Week : 6 Species : Rat

Test article		Grooming NC			Urination NC			
Dose		0	1	2	0	1	2	3
EHOEE 0 mg/kg	n	10	0	0	10	0	0	0
EHOEE 1000 mg/kg	n	10	0	0	10	0	0	0

Grooming) 0: None, 1: Occasional bouts (up to four), 2: Numerous (more than four)
Urination) 0: None, 1: Small amount, 2: Moderate amount, 3: Large/excessive amount
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 146 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Open field observation Period : Administration (non-mating group)

Generation : F0 Sex : Female Week : 6 Species : Rat

Test article Dose		Rearing	Defecation count
EHOEE	n	10	10
0 mg/kg	Mean	9	0
	S.D.	3	0
EHOEE	n	10	10
1000 mg/kg	Mean	8	0
	S.D.	2	0

Not significantly different from EHOEE 0 mg/kg
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 147 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Open field observation Period : Recovery

Generation : F0 Sex : Male Week : 1 Species : Rat

Test article		Arousal NC					Convulsion NC			
Dose		-2	-1	0	1	2	0	1	2	3
EHOEE 0 mg/kg	n	0	0	5	0	0	5	0	0	0
EHOEE 1000 mg/kg	n	0	0	5	0	0	5	0	0	0

Test article		Abnormal NC behavior				Stereotypy NC			
Dose		0	1	2	3	0	1	2	3
EHOEE 0 mg/kg	n	5	0	0	0	5	0	0	0
EHOEE 1000 mg/kg	n	5	0	0	0	5	0	0	0

Test article		Gait NC					Posture NC		
Dose		U	0	1	2	3	N	F	H
EHOEE 0 mg/kg	n	0	5	0	0	0	5	0	0
EHOEE 1000 mg/kg	n	0	5	0	0	0	5	0	0

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Normal, 1: Increased alertness, 2: Markedly alert
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Stereotypy) 0: None, 1: Minor, 2: Moderate, 3: Severe
Gait) U: No/minimal location, 0: Normal, 1: Slight, 2: Moderate, 3: Markedly
Posture) N: Normal, F: Flattened, H: Hunched
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 148 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Open field observation Period : Recovery

Generation : F0 Sex : Male Week : 1 Species : Rat

Test article		Grooming NC			Urination NC			
Dose		0	1	2	0	1	2	3
EHOEE 0 mg/kg	n	5	0	0	5	0	0	0
EHOEE 1000 mg/kg	n	5	0	0	5	0	0	0

Grooming) 0: None, 1: Occasional bouts (up to four), 2: Numerous (more than four)
Urination) 0: None, 1: Small amount, 2: Moderate amount, 3: Large/excessive amount
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 149 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Open field observation Period : Recovery

Generation : F0 Sex : Male Week : 1 Species : Rat

Test article Dose		Rearing	Defecation count
EHOEE	n	5	5
0 mg/kg	Mean	3	0
	S.D.	1	0
EHOEE	n	5	5
1000 mg/kg	Mean	3	0
	S.D.	1	0

Not significantly different from EHOEE 0 mg/kg
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 150 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Open field observation Period : Recovery

Generation : F0 Sex : Male Week : 2 Species : Rat

Test article		Arousal NC					Convulsion NC			
Dose		-2	-1	0	1	2	0	1	2	3
EHOEE 0 mg/kg	n	0	0	5	0	0	5	0	0	0
EHOEE 1000 mg/kg	n	0	0	5	0	0	5	0	0	0

Test article		Abnormal NC behavior				Stereotypy NC			
Dose		0	1	2	3	0	1	2	3
EHOEE 0 mg/kg	n	5	0	0	0	5	0	0	0
EHOEE 1000 mg/kg	n	5	0	0	0	5	0	0	0

Test article		Gait NC					Posture NC		
Dose		U	0	1	2	3	N	F	H
EHOEE 0 mg/kg	n	0	5	0	0	0	5	0	0
EHOEE 1000 mg/kg	n	0	5	0	0	0	5	0	0

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Normal, 1: Increased alertness, 2: Markedly alert
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Stereotypy) 0: None, 1: Minor, 2: Moderate, 3: Severe
Gait) U: No/minimal location, 0: Normal, 1: Slight, 2: Moderate, 3: Markedly
Posture) N: Normal, F: Flattened, H: Hunched
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 151 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Open field observation Period : Recovery

Generation : F0 Sex : Male Week : 2 Species : Rat

Test article		Grooming NC			Urination NC			
Dose		0	1	2	0	1	2	3
EHOEE 0 mg/kg	n	5	0	0	5	0	0	0
EHOEE 1000 mg/kg	n	5	0	0	4	1	0	0

Grooming) 0: None, 1: Occasional bouts (up to four), 2: Numerous (more than four)
Urination) 0: None, 1: Small amount, 2: Moderate amount, 3: Large/excessive amount
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 152 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Open field observation Period : Recovery

Generation : F0 Sex : Male Week : 2 Species : Rat

Test article Dose		Rearing	Defecation count
EHOEE	n	5	5
0 mg/kg	Mean	4	0
	S.D.	3	0
EHOEE	n	5	5
1000 mg/kg	Mean	4	0
	S.D.	2	0

Not significantly different from EHOEE 0 mg/kg
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 153 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Open field observation Period : Recovery (non-mating group)

Generation : F0 Sex : Female Week : 1 Species : Rat

Test article		Arousal NC					Convulsion NC			
Dose		-2	-1	0	1	2	0	1	2	3
EHOEE 0 mg/kg	n	0	0	5	0	0	5	0	0	0
EHOEE 1000 mg/kg	n	0	0	5	0	0	5	0	0	0

Test article		Abnormal NC behavior				Stereotypy NC			
Dose		0	1	2	3	0	1	2	3
EHOEE 0 mg/kg	n	5	0	0	0	5	0	0	0
EHOEE 1000 mg/kg	n	5	0	0	0	5	0	0	0

Test article		Gait NC					Posture NC		
Dose		U	0	1	2	3	N	F	H
EHOEE 0 mg/kg	n	0	5	0	0	0	5	0	0
EHOEE 1000 mg/kg	n	0	5	0	0	0	5	0	0

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Normal, 1: Increased alertness, 2: Markedly alert
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Stereotypy) 0: None, 1: Minor, 2: Moderate, 3: Severe
Gait) U: No/minimal location, 0: Normal, 1: Slight, 2: Moderate, 3: Markedly
Posture) N: Normal, F: Flattened, H: Hunched
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 154 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Open field observation Period : Recovery (non-mating group)

Generation : F0 Sex : Female Week : 1 Species : Rat

Test article		Grooming NC			Urination NC			
Dose		0	1	2	0	1	2	3
EHOEE 0 mg/kg	n	5	0	0	5	0	0	0
EHOEE 1000 mg/kg	n	5	0	0	5	0	0	0

Grooming) 0: None, 1: Occasional bouts (up to four), 2: Numerous (more than four)
Urination) 0: None, 1: Small amount, 2: Moderate amount, 3: Large/excessive amount
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 155 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Open field observation Period : Recovery (non-mating group)

Generation : F0 Sex : Female Week : 1 Species : Rat

Test article Dose		Rearing	Defecation count
EHOEE	n	5	5
0 mg/kg	Mean	8	0
	S.D.	3	0
EHOEE	n	5	5
1000 mg/kg	Mean	6	0
	S.D.	1	0

Not significantly different from EHOEE 0 mg/kg
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 156 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Open field observation Period : Recovery (non-mating group)

Generation : F0 Sex : Female Week : 2 Species : Rat

Test article		Arousal NC					Convulsion NC			
Dose		-2	-1	0	1	2	0	1	2	3
EHOEE 0 mg/kg	n	0	0	5	0	0	5	0	0	0
EHOEE 1000 mg/kg	n	0	0	5	0	0	5	0	0	0

Test article		Abnormal NC behavior				Stereotypy NC			
Dose		0	1	2	3	0	1	2	3
EHOEE 0 mg/kg	n	5	0	0	0	5	0	0	0
EHOEE 1000 mg/kg	n	5	0	0	0	5	0	0	0

Test article		Gait NC					Posture NC		
Dose		U	0	1	2	3	N	F	H
EHOEE 0 mg/kg	n	0	5	0	0	0	5	0	0
EHOEE 1000 mg/kg	n	0	5	0	0	0	5	0	0

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Normal, 1: Increased alertness, 2: Markedly alert
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Stereotypy) 0: None, 1: Minor, 2: Moderate, 3: Severe
Gait) U: No/minimal location, 0: Normal, 1: Slight, 2: Moderate, 3: Markedly
Posture) N: Normal, F: Flattened, H: Hunched
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 157 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Open field observation Period : Recovery (non-mating group)

Generation : F0 Sex : Female Week : 2 Species : Rat

Test article		Grooming NC			Urination NC			
Dose		0	1	2	0	1	2	3
EHOEE 0 mg/kg	n	5	0	0	5	0	0	0
EHOEE 1000 mg/kg	n	5	0	0	5	0	0	0

Grooming) 0: None, 1: Occasional bouts (up to four), 2: Numerous (more than four)
Urination) 0: None, 1: Small amount, 2: Moderate amount, 3: Large/excessive amount
Not calculated : NC
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 158 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Open field observation Period : Recovery (non-mating group)

Generation : F0 Sex : Female Week : 2 Species : Rat

Test article Dose		Rearing	Defecation count
EHOEE	n	5	5
0 mg/kg	Mean	10	0
	S.D.	3	0
EHOEE	n	5	5
1000 mg/kg	Mean	9	0
	S.D.	1	0

Not significantly different from EHOEE 0 mg/kg
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 159 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Manipulative test Period : F0 mating

Generation : F0 Sex : Male Week : 6 Species : Rat

Test article		Auditory response				Approach response			Touch response		
Dose		-2	-1	0	1	-1	0	1	-1	0	1
EHOEE 0 mg/kg	n	0	0	5	0	0	5	0	0	5	0
EHOEE 100 mg/kg	n	0	0	5	0	0	5	0	0	5	0
EHOEE 300 mg/kg	n	0	0	5	0	0	5	0	0	5	0
EHOEE 1000 mg/kg	n	0	0	5	0	0	5	0	0	5	0

Test article		Tail pinch response				Pupillary reflex			
Dose		-2	-1	0	1	P	F	L	R
EHOEE 0 mg/kg	n	0	0	5	0	5	0	0	0
EHOEE 100 mg/kg	n	0	0	5	0	5	0	0	0
EHOEE 300 mg/kg	n	0	0	5	0	5	0	0	0
EHOEE 1000 mg/kg	n	0	0	5	0	5	0	0	0

Test article		Aerial righting reflex-total						
Dose		0	1	2	3	4	5	6
EHOEE 0 mg/kg	n	5	0	0	0	0	0	0
EHOEE 100 mg/kg	n	5	0	0	0	0	0	0
EHOEE 300 mg/kg	n	5	0	0	0	0	0	0
EHOEE 1000 mg/kg	n	5	0	0	0	0	0	0

Auditory response) -2: None, -1: Weak, 0: Normal, 1: Exaggerate
Approach response) -1: No reaction/ignores, 0: Normal, 1: Abnormality fearful/aggressive reaction
Touch response) -1: No reaction/ignores, 0: Normal, 1: Abnormality fearful/aggressive reaction
Tail pinch response) -2: None, -1: Weak, 0: Normal, 1: Exaggerate
Pupillary reflex) P: Pass, both, F: Failed, neither, L: Left pupil responds, R: Right pupil responds
Aerial righting reflex-total) Total score of 3 times
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 160 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Manipulative test Period : F0 lactation

Generation : F0 Sex : Female Day : 13 Species : Rat

Test article		Auditory response				Approach response			Touch response		
Dose		-2	-1	0	1	-1	0	1	-1	0	1
EHOEE 0 mg/kg	n	0	0	5	0	0	5	0	0	5	0
EHOEE 100 mg/kg	n	0	0	5	0	0	5	0	0	5	0
EHOEE 300 mg/kg	n	0	0	5	0	0	5	0	0	5	0
EHOEE 1000 mg/kg	n	0	0	5	0	0	5	0	0	5	0

Test article		Tail pinch response				Pupillary reflex			
Dose		-2	-1	0	1	P	F	L	R
EHOEE 0 mg/kg	n	0	0	5	0	5	0	0	0
EHOEE 100 mg/kg	n	0	0	5	0	5	0	0	0
EHOEE 300 mg/kg	n	0	0	5	0	5	0	0	0
EHOEE 1000 mg/kg	n	0	0	5	0	5	0	0	0

Test article		Aerial righting reflex-total						
Dose		0	1	2	3	4	5	6
EHOEE 0 mg/kg	n	5	0	0	0	0	0	0
EHOEE 100 mg/kg	n	5	0	0	0	0	0	0
EHOEE 300 mg/kg	n	5	0	0	0	0	0	0
EHOEE 1000 mg/kg	n	5	0	0	0	0	0	0

Auditory response) -2: None, -1: Weak, 0: Normal, 1: Exaggerate
Approach response) -1: No reaction/ignores, 0: Normal, 1: Abnormality fearful/aggressive reaction
Touch response) -1: No reaction/ignores, 0: Normal, 1: Abnormality fearful/aggressive reaction
Tail pinch response) -2: None, -1: Weak, 0: Normal, 1: Exaggerate
Pupillary reflex) P: Pass, both, F: Failed, neither, L: Left pupil responds, R: Right pupil responds
Aerial righting reflex-total) Total score of 3 times
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

Table 2 - 161 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Manipulative test Period : Administration (non-mating group)

Generation : F0 Sex : Female Week : 6 Species : Rat

Test article		Auditory response				Approach response			Touch response		
Dose		-2	-1	0	1	-1	0	1	-1	0	1
EHOEE 0 mg/kg	n	0	0	5	0	0	5	0	0	5	0
EHOEE 1000 mg/kg	n	0	0	5	0	0	5	0	0	5	0

Test article		Tail pinch response				Pupillary reflex			
Dose		-2	-1	0	1	P	F	L	R
EHOEE 0 mg/kg	n	0	0	5	0	5	0	0	0
EHOEE 1000 mg/kg	n	0	0	5	0	5	0	0	0

Test article		Aerial righting reflex-total						
Dose		0	1	2	3	4	5	6
EHOEE 0 mg/kg	n	5	0	0	0	0	0	0
EHOEE 1000 mg/kg	n	5	0	0	0	0	0	0

Auditory response) -2: None, -1: Weak, 0: Normal, 1: Exaggerate
Approach response) -1: No reaction/ignores, 0: Normal, 1: Abnormality fearful/aggressive reaction
Touch response) -1: No reaction/ignores, 0: Normal, 1: Abnormality fearful/aggressive reaction
Tail pinch response) -2: None, -1: Weak, 0: Normal, 1: Exaggerate
Pupillary reflex) P: Pass, both, F: Failed, neither, L: Left pupil responds, R: Right pupil responds
Aerial righting reflex-total) Total score of 3 times
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 162 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Manipulative test Period : Recovery

Generation : F0 Sex : Male Week : 2 Species : Rat

Test article		Auditory response				Approach response			Touch response		
Dose		-2	-1	0	1	-1	0	1	-1	0	1
EHOEE 0 mg/kg	n	0	0	5	0	0	5	0	0	5	0
EHOEE 1000 mg/kg	n	0	0	5	0	0	5	0	0	5	0

Test article		Tail pinch response				Pupillary reflex			
Dose		-2	-1	0	1	P	F	L	R
EHOEE 0 mg/kg	n	0	0	5	0	5	0	0	0
EHOEE 1000 mg/kg	n	0	0	5	0	5	0	0	0

Test article		Aerial right-ing reflex-total						
Dose		0	1	2	3	4	5	6
EHOEE 0 mg/kg	n	5	0	0	0	0	0	0
EHOEE 1000 mg/kg	n	5	0	0	0	0	0	0

Auditory response) -2: None, -1: Weak, 0: Normal, 1: Exaggerate
Approach response) -1: No reaction/ignores, 0: Normal, 1: Abnormality fearful/aggressive reaction
Touch response) -1: No reaction/ignores, 0: Normal, 1: Abnormality fearful/aggressive reaction
Tail pinch response) -2: None, -1: Weak, 0: Normal, 1: Exaggerate
Pupillary reflex) P: Pass, both, F: Failed, neither, L: Left pupil responds, R: Right pupil responds
Aerial righting reflex-total) Total score of 3 times
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 163 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Manipulative test Period : Recovery (non-mating group)

Generation : F0 Sex : Female Week : 2 Species : Rat

Test article		Auditory response				Approach response			Touch response		
Dose		-2	-1	0	1	-1	0	1	-1	0	1
EHOEE 0 mg/kg	n	0	0	5	0	0	5	0	0	5	0
EHOEE 1000 mg/kg	n	0	0	5	0	0	5	0	0	5	0

Test article		Tail pinch response				Pupillary reflex			
Dose		-2	-1	0	1	P	F	L	R
EHOEE 0 mg/kg	n	0	0	5	0	5	0	0	0
EHOEE 1000 mg/kg	n	0	0	5	0	5	0	0	0

Test article		Aerial righting reflex-total						
Dose		0	1	2	3	4	5	6
EHOEE 0 mg/kg	n	5	0	0	0	0	0	0
EHOEE 1000 mg/kg	n	5	0	0	0	0	0	0

Auditory response) -2: None, -1: Weak, 0: Normal, 1: Exaggerate
Approach response) -1: No reaction/ignores, 0: Normal, 1: Abnormality fearful/aggressive reaction
Touch response) -1: No reaction/ignores, 0: Normal, 1: Abnormality fearful/aggressive reaction
Tail pinch response) -2: None, -1: Weak, 0: Normal, 1: Exaggerate
Pupillary reflex) P: Pass, both, F: Failed, neither, L: Left pupil responds, R: Right pupil responds
Aerial righting reflex-total) Total score of 3 times
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 164 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Grip strength Period : F0 mating

Generation : F0 Sex : Male Week : 6 Species : Rat

Test article Dose		Grip strength of fore limb g	Grip strength of hind limb g
EHOEE	n	5	5
0 mg/kg	Mean	1557	754
	S.D.	117	121
EHOEE	n	5	5
100 mg/kg	Mean	1620	845
	S.D.	123	68
EHOEE	n	5	5
300 mg/kg	Mean	1521	822
	S.D.	146	156
EHOEE	n	5	5
1000 mg/kg	Mean	1756	951
	S.D.	254	192

Not significantly different from EHOEE 0 mg/kg
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 165 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Grip strength Period : F0 lactation

Generation : F0 Sex : Female Day : 13 Species : Rat

Test article Dose		Grip strength of fore limb g	Grip strength of hind limb g
EHOEE	n	5	5
0 mg/kg	Mean	1051	818
	S.D.	141	88
EHOEE	n	5	5
100 mg/kg	Mean	1395	725
	S.D.	257	140
		DT *	
EHOEE	n	5	5
300 mg/kg	Mean	1083	785
	S.D.	105	117
EHOEE	n	5	5
1000 mg/kg	Mean	1083	771
	S.D.	114	140

Significantly different from EHOEE 0 mg/kg : * P<0.05
DT : Dunnett test (two-side)
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

Table 2 - 166 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Grip strength Period : Administration (non-mating group)

Generation : F0 Sex : Female Week : 6 Species : Rat

Test article Dose		Grip strength of fore limb g	Grip strength of hind limb g
EHOEE	n	5	5
0 mg/kg	Mean	1335	744
	S.D.	101	72
EHOEE	n	5	5
1000 mg/kg	Mean	1277	673
	S.D.	102	100

Not significantly different from EHOEE 0 mg/kg
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 167 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Grip strength Period : Recovery

Generation : F0 Sex : Male Week : 2 Species : Rat

Test article Dose		Grip strength of fore limb g	Grip strength of hind limb g
EHOEE	n	5	5
0 mg/kg	Mean	1335	938
	S.D.	161	101
EHOEE	n	5	5
1000 mg/kg	Mean	1169	815
	S.D.	173	74

Not significantly different from EHOEE 0 mg/kg
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 168 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Grip strength Period : Recovery (non-mating group)

Generation : F0 Sex : Female Week : 2 Species : Rat

Test article Dose		Grip strength of fore limb g	Grip strength of hind limb g
EHOEE	n	5	5
0 mg/kg	Mean	1041	798
	S.D.	103	89
EHOEE	n	5	5
1000 mg/kg	Mean	1174	758
	S.D.	86	53

Not significantly different from EHOEE 0 mg/kg
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 169 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Motor activity Period : F0 mating

Generation : F0 Sex : Male Week : 6 Species : Rat

Test article Dose		0'-10' Count	10'-20' Count	20'-30' Count	30'-40' Count	40'-50' Count	50'-60' Count	Total(0'-60') Count
EHOEE	n	5	5	5	5	5	5	5
0 mg/kg	Mean	417	272	191	167	135	75	1257
	S.D.	13	105	129	164	125	129	360
EHOEE	n	5	5	5	5	5	5	5
100 mg/kg	Mean	415	270	234	252	179	66	1416
	S.D.	55	76	124	112	112	97	383
EHOEE	n	5	5	5	5	5	5	5
300 mg/kg	Mean	390	213	143	195	154	92	1188
	S.D.	38	73	91	69	105	110	203
EHOEE	n	5	5	5	5	5	5	5
1000 mg/kg	Mean	407	252	185	130	30	28	1031
	S.D.	30	113	108	95	27	40	252

Not significantly different from EHOEE 0 mg/kg
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 170 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Motor activity Period : F0 lactation

Generation : F0 Sex : Female Day : 13 Species : Rat

Test article Dose		0'-10' Count	10'-20' Count	20'-30' Count	30'-40' Count	40'-50' Count	50'-60' Count	Total(0'-60') Count
EHOEE	n	5	5	5	5	5	5	5
0 mg/kg	Mean	334	192	131	137	127	159	1080
	S.D.	83	126	153	115	139	146	634
EHOEE	n	5	5	5	5	5	5	5
100 mg/kg	Mean	363	143	118	135	111	63	932
	S.D.	99	168	118	136	121	113	667
EHOEE	n	5	5	5	5	5	5	5
300 mg/kg	Mean	267	126	151	167	114	92	917
	S.D.	97	117	138	152	107	98	642
EHOEE	n	5	5	5	5	5	5	5
1000 mg/kg	Mean	307	108	145	55	136	190	941
	S.D.	90	68	96	44	115	39	351

Not significantly different from EHOEE 0 mg/kg
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

Table 2 - 171 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Motor activity Period : Administration (non-mating group)

Generation : F0 Sex : Female Week : 6 Species : Rat

Test article Dose		0'-10' Count	10'-20' Count	20'-30' Count	30'-40' Count	40'-50' Count	50'-60' Count	Total(0'-60') Count
EHOEE	n	5	5	5	5	5	5	5
0 mg/kg	Mean	436	349	246	231	150	213	1624
	S.D.	36	80	143	136	131	142	459
EHOEE	n	5	5	5	5	5	5	5
1000 mg/kg	Mean	369	353	226	116	189	218	1472
	S.D.	51	70	48	103	72	141	145
		T2 *						

Significantly different from EHOEE 0 mg/kg : * P<0.05
T2 : Student t-test (two-side)
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 172 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Motor activity Period : Recovery

Generation : F0 Sex : Male Week : 2 Species : Rat

Test article Dose		0'-10' Count	10'-20' Count	20'-30' Count	30'-40' Count	40'-50' Count	50'-60' Count	Total(0'-60') Count
EHOEE	n	5	5	5	5	5	5	5
0 mg/kg	Mean	393	297	231	243	196	170	1531
	S.D.	47	45	45	19	73	157	267
EHOEE	n	5	5	5	5	5	5	5
1000 mg/kg	Mean	414	323	237	283	152	85	1494
	S.D.	88	76	112	63	108	115	418

Not significantly different from EHOEE 0 mg/kg
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 2 - 173 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Motor activity Period : Recovery (non-mating group)

Generation : F0 Sex : Female Week : 2 Species : Rat

Test article Dose		0'-10' Count	10'-20' Count	20'-30' Count	30'-40' Count	40'-50' Count	50'-60' Count	Total(0'-60') Count
EHOEE	n	5	5	5	5	5	5	5
0 mg/kg	Mean	394	313	251	259	214	260	1690
	S.D.	37	86	86	118	117	88	331
EHOEE	n	5	5	5	5	5	5	5
1000 mg/kg	Mean	348	288	241	167	196	232	1473
	S.D.	54	40	44	108	98	82	336

Not significantly different from EHOEE 0 mg/kg
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 3 - 1 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Body weight Period : F0 before mating Day 1-15, F0 mating Day 15-42

Sex : Male Unit : g Species : Rat

Test article		/Day							Body weight
Dose		1	8	15	22	29	36	42	gain
EHOEE	n	12	12	12	12	12	12	12	12
0 mg/kg	Mean	425	462	495	520	548	573	588	163
	S.D.	21	24	27	30	33	33	33	18
EHOEE	n	12	12	12	12	12	12	12	12
100 mg/kg	Mean	424	461	493	517	543	569	585	161
	S.D.	22	25	29	31	33	37	34	22
EHOEE	n	12	12	12	12	12	12	12	12
300 mg/kg	Mean	425	461	494	518	546	568	584	160
	S.D.	23	28	34	35	40	42	43	25
EHOEE	n	12	12	12	12	12	12	12	12
1000 mg/kg	Mean	424	456	486	506	528	550	559	136
	S.D.	18	21	24	25	30	31	34	24
									DT *

Significantly different from EHOEE 0 mg/kg : * P<0.05
DT : Dunnett test (two-side)
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 3 - 2 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Body weight Period : F0 before mating Day 1-15

Sex : Female Unit : g Species : Rat

Test article Dose		/Day 1	8	15	Body weight gain
EHOEE 0 mg/kg	n	12	12	12	12
	Mean	248	256	267	19
	S.D.	12	14	18	9
EHOEE 100 mg/kg	n	12	12	12	12
	Mean	248	261	269	21
	S.D.	10	17	20	14
EHOEE 300 mg/kg	n	12	12	12	12
	Mean	254	267	279	25
	S.D.	13	15	19	10
EHOEE 1000 mg/kg	n	12	12	12	12
	Mean	251	262	271	20
	S.D.	17	15	18	11

Not significantly different from EHOEE 0 mg/kg
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 3 - 3 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Body weight Period : F0 gestation Day 0-20

Sex : Female Unit : g Species : Rat

Test article		/Day				Body weight
Dose		0	7	14	20	gain
EHOEE	n	11	11	11	11	11
0 mg/kg	Mean	277	313	350	431	154
	S.D.	18	20	20	31	26
EHOEE	n	12	12	12	12	12
100 mg/kg	Mean	281	324	365	451	170
	S.D.	18	20	23	38	29
EHOEE	n	12	12	12	12	12
300 mg/kg	Mean	284	326	366	455	171
	S.D.	20	22	24	27	18
EHOEE	n	12	12	12	12	12
1000 mg/kg	Mean	278	311	348	424	146
	S.D.	20	18	23	31	19

Not significantly different from EHOEE 0 mg/kg
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

Table 3 - 4 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Body weight Period : F0 lactation Day 0-13

Sex : Female Unit : g Species : Rat

Test article		/Day				Body weight
Dose		0	4	7	13	gain
EHOEE	n	11	11	11	11	11
0 mg/kg	Mean	349	344	348	363	14
	S.D.	24	22	21	26	20
EHOEE	n	12	12	12	12	12
100 mg/kg	Mean	357	354	358	371	13
	S.D.	28	22	23	21	21
EHOEE	n	12	12	12	12	12
300 mg/kg	Mean	352	357	354	373	21
	S.D.	26	31	28	28	11
EHOEE	n	12	12	12	12	12
1000 mg/kg	Mean	332	333	344	361	29
	S.D.	21	20	23	21	11

Not significantly different from EHOEE 0 mg/kg
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

Table 3 - 5 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Body weight Period : Administration Day 1-42 (non-mating group)

Sex : Female Unit : g Species : Rat

Test article		/Day							Body weight
Dose		1	8	15	22	29	36	42	gain
EHOEE	n	10	10	10	10	10	10	10	10
0 mg/kg	Mean	249	257	268	280	290	296	301	52
	S.D.	12	15	16	16	15	14	14	9
EHOEE	n	10	10	10	10	10	10	10	10
1000 mg/kg	Mean	250	264	274	288	297	304	307	57
	S.D.	9	11	14	17	15	15	16	12

Not significantly different from EHOEE 0 mg/kg
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 3 - 6 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Body weight Period : Recovery Day 1-14

Sex : Male Unit : g Species : Rat

Test article		/Day			Body weight
Dose		1	8	14	gain
EHOEE	n	5	5	5	5
0 mg/kg	Mean	605	627	633	28
	S.D.	39	45	46	10
EHOEE	n	5	5	5	5
1000 mg/kg	Mean	574	595	608	33
	S.D.	47	54	55	10

Not significantly different from EHOEE 0 mg/kg
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 3 - 7 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Body weight Period : Recovery Day 1-14 (non-mating group)

Sex : Female Unit : g Species : Rat

Test article		/Day			Body weight
Dose		1	8	14	gain
EHOEE	n	5	5	5	5
0 mg/kg	Mean	299	306	308	9
	S.D.	15	16	15	8
EHOEE	n	5	5	5	5
1000 mg/kg	Mean	300	309	318	18
	S.D.	16	12	14	4
					T2 *

Significantly different from EHOEE 0 mg/kg : * P<0.05

T2 : Student t-test (two-side)

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

n: Number of animals

Table 4 - 1 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Food consumption Period : F0 before mating Day 1-15

Sex : Male Unit : g Species : Rat

Test article Dose		/Day 2	8	15	Total food consumption
EHOEE 0 mg/kg	n	12	12	12	12
	Mean	22	24	24	69
	S.D.	2	2	2	4
EHOEE 100 mg/kg	n	12	12	12	12
	Mean	23	24	24	71
	S.D.	3	2	3	8
EHOEE 300 mg/kg	n	12	12	12	12
	Mean	23	23	24	69
	S.D.	3	3	3	8
EHOEE 1000 mg/kg	n	12	12	12	12
	Mean	22	24	24	69
	S.D.	2	3	3	6

Not significantly different from EHOEE 0 mg/kg
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 4 - 2 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Food consumption Period : F0 mating Day 15-42

Sex : Male Unit : g Species : Rat

Test article		/Day		
Dose		30	36	42
EHOEE	n	12	12	12
0 mg/kg	Mean	22	22	22
	S.D.	2	2	2
EHOEE	n	12	12	12
100 mg/kg	Mean	23	23	22
	S.D.	2	4	2
EHOEE	n	12	12	12
300 mg/kg	Mean	22	22	22
	S.D.	2	2	3
EHOEE	n	12	12	12
1000 mg/kg	Mean	22	23	22
	S.D.	3	2	3

Not significantly different from EHOEE 0 mg/kg
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 4 - 3 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Food consumption Period : F0 before mating Day 1-15

Sex : Female Unit : g Species : Rat

Test article Dose		/Day 2	8	15	Total food consumption
EHOEE 0 mg/kg	n	12	12	12	12
	Mean	14	14	14	42
	S.D.	3	2	2	6
EHOEE 100 mg/kg	n	12	12	12	12
	Mean	14	15	14	43
	S.D.	3	3	3	6
EHOEE 300 mg/kg	n	12	12	12	12
	Mean	15	16	17	48
	S.D.	3	2	3	6
EHOEE 1000 mg/kg	n	12	12	12	12
	Mean	15	14	15	43
	S.D.	3	2	2	7

Not significantly different from EHOEE 0 mg/kg
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 4 - 4 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Food consumption Period : F0 gestation Day 0-20

Sex : Female Unit : g Species : Rat

Test article Dose		/Day 1	7	14	20	Total food consumption
EHOEE	n	11	11	11	11	11
0 mg/kg	Mean	15	19	21	22	78
	S.D.	2	2	2	2	5
EHOEE	n	12	12	12	12	12
100 mg/kg	Mean	18	23	22	23	86
	S.D.	2	4	3	4	11
		DT *				
EHOEE	n	12	12	12	12	12
300 mg/kg	Mean	18	22	23	23	85
	S.D.	3	4	4	2	8
		DT *				
EHOEE	n	12	12	12	12	12
1000 mg/kg	Mean	15	19	21	23	79
	S.D.	2	3	3	3	9

Significantly different from EHOEE 0 mg/kg : * P<0.05
DT : Dunnett test (two-side)
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

Table 4 - 5 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Food consumption Period : F0 lactation Day 0-13

Sex : Female Unit : g Species : Rat

Test article		/Day				Total food
Dose		2	4	7	13	consumption
EHOEE	n	11	11	11	11	11
0 mg/kg	Mean	23	33	38	54	147
	S.D.	14	8	6	12	34
EHOEE	n	12	12	12	12	12
100 mg/kg	Mean	22	34	39	56	150
	S.D.	6	7	5	6	20
EHOEE	n	12	12	12	12	12
300 mg/kg	Mean	26	37	38	58	160
	S.D.	5	6	5	5	16
EHOEE	n	12	12	12	12	12
1000 mg/kg	Mean	24	34	44	59	162
	S.D.	9	8	5	6	20
				DT *		

Significantly different from EHOEE 0 mg/kg : * P<0.05

DT : Dunnett test (two-side)

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

n: Number of dams

Table 4 - 6 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Food consumption Period : Administration Day 1-15(non-mating group)

Sex : Female Unit : g Species : Rat

Test article		/Day			Total food
Dose		2	8	15	consumption
EHOEE	n	10	10	10	10
0 mg/kg	Mean	14	14	14	42
	S.D.	2	2	3	5
EHOEE	n	10	10	10	10
1000 mg/kg	Mean	14	15	15	44
	S.D.	3	2	2	4

Not significantly different from EHOEE 0 mg/kg
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 4 - 7 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Food consumption Period : Administration Day 15-42(non-mating group)

Sex : Female Unit : g Species : Rat

Test article		/Day		
Dose		30	36	42
EHOEE	n	10	10	10
0 mg/kg	Mean	15	15	15
	S.D.	2	2	2
EHOEE	n	10	10	10
1000 mg/kg	Mean	16	16	15
	S.D.	2	2	3

Not significantly different from EHOEE 0 mg/kg
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 4 - 8 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Food consumption Period : Recovery Day 1-14

Sex : Male Unit : g Species : Rat

Test article		/Day			Total food
Dose		2	8	14	consumption
EHOEE	n	5	5	5	5
0 mg/kg	Mean	25	27	28	80
	S.D.	3	3	2	7
EHOEE	n	5	5	5	5
1000 mg/kg	Mean	28	28	29	84
	S.D.	4	5	6	14

Not significantly different from EHOEE 0 mg/kg
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 4 - 9 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Food consumption Period : Recovery Day 1-14 (non-mating group)

Sex : Female Unit : g Species : Rat

Test article		/Day			Total food
Dose		2	8	14	consumption
EHOEE	n	5	5	5	5
0 mg/kg	Mean	16	17	16	49
	S.D.	3	1	2	4
EHOEE	n	5	5	5	5
1000 mg/kg	Mean	18	18	20	55
	S.D.	2	2	4	5

Not significantly different from EHOEE 0 mg/kg
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 5 - 1 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Urinalysis Stage : Week 6 of administration

Sex : Male Species : Rat

Test article Dose		pH								
		5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	>=9.0
EHOEE 0 mg/kg	n	0	0	0	2	1	0	0	2	0
EHOEE 100 mg/kg	n	0	0	0	0	0	1	0	1	3
EHOEE 300 mg/kg	n	0	0	0	0	0	0	0	3	2
EHOEE 1000 mg/kg	n	0	1	1	1	2	0	0	0	0

Test article Dose		Protein					Ketones				
		-	+/-	1+	2+	3+	-	+/-	1+	2+	3+
EHOEE 0 mg/kg	n	0	0	2	3	0	0	0	2	3	0
EHOEE 100 mg/kg	n	0	1	2	2	0	0	1	2	2	0
EHOEE 300 mg/kg	n	0	1	2	2	0	0	1	4	0	0
EHOEE 1000 mg/kg	n	0	2	3	0	0	0	5	0	0	0

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals
Protein) -:Negative , +/-:15 , 1+:30 , 2+:100 , 3+:>=300 mg/dL
Ketones) -:Negative , +/-:5 , 1+:15 , 2+:40 , 3+:80 mg/dL

Table 5 - 2 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Urinalysis Stage : Week 6 of administration

Sex : Male Species : Rat

Test article Dose		Glucose -	Glucose 1+	Glucose 2+	Glucose 3+	Glucose 4+	Occult Blood -	Occult Blood +/-	Occult Blood 1+	Occult Blood 2+	Occult Blood 3+
EHOEE 0 mg/kg	n	4	1	0	0	0	2	3	0	0	0
EHOEE 100 mg/kg	n	4	1	0	0	0	4	1	0	0	0
EHOEE 300 mg/kg	n	5	0	0	0	0	5	0	0	0	0
EHOEE 1000 mg/kg	n	5	0	0	0	0	5	0	0	0	0

Test article Dose		Bilirubin -	Bilirubin 1+	Bilirubin 2+	Bilirubin 3+	Urobilinogen +/-	Urobilinogen 1+	Urobilinogen 2+	Urobilinogen 3+
EHOEE 0 mg/kg	n	5	0	0	0	5	0	0	0
EHOEE 100 mg/kg	n	5	0	0	0	5	0	0	0
EHOEE 300 mg/kg	n	5	0	0	0	5	0	0	0
EHOEE 1000 mg/kg	n	5	0	0	0	5	0	0	0

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals
Glucose) -:Negative , 1+:100 , 2+:250 , 3+:500 , 4+:>=1000 mg/dL
Occult Blood) -:Negative , +/-:0.015 , 1+:0.062 , 2+:0.135 , 3+:0.405 mg/dL
Bilirubin) -:Negative , 1+:0.8 , 2+:1.6 , 3+:3.2 mg/dL
Urobilinogen) +/-:0.1 - 1.0 , 1+:2.0 , 2+:4.0 , 3+:>=8.0 Ehrlich U/dL

Table 5 - 3 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Urinalysis Stage : Week 6 of administration

Sex : Male Species : Rat

Test article Dose		Color									
		LY	Y	DY	BR	RE	RB	WH	BL	CL	OT
EHOEE 0 mg/kg	n	0	5	0	0	0	0	0	0	0	0
EHOEE 100 mg/kg	n	0	5	0	0	0	0	0	0	0	0
EHOEE 300 mg/kg	n	0	5	0	0	0	0	0	0	0	0
EHOEE 1000 mg/kg	n	0	5	0	0	0	0	0	0	0	0

Color LY: Light Yellow Y: Yellow DY: Dark Yellow BR: Brown RE: Red RB: Reddish brown WH: White BL: Blue CL: Colorless OT: Other
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 5 - 4 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Urinalysis Stage : Week 6 of administration (non-mating group)

Sex : Female Species : Rat

pH

Test article Dose		5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	>=9.0
EHOEE 0 mg/kg	n	0	0	0	2	2	0	0	0	1
EHOEE 1000 mg/kg	n	0	0	4	0	1	0	0	0	0

Test article		Protein					Ketones				
Dose		-	+/-	1+	2+	3+	-	+/-	1+	2+	3+
EHOEE 0 mg/kg	n	2	2	1	0	0	2	3	0	0	0
EHOEE 1000 mg/kg	n	2	0	2	1	0	2	3	0	0	0

Test article		Glucose					Occult Blood				
Dose		-	1+	2+	3+	4+	-	+/-	1+	2+	3+
EHOEE 0 mg/kg	n	5	0	0	0	0	5	0	0	0	0
EHOEE 1000 mg/kg	n	5	0	0	0	0	5	0	0	0	0

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals
Protein) -:Negative , +/-:15 , 1+:30 , 2+:100 , 3+:>=300 mg/dL
Ketones) -:Negative , +/-:5 , 1+:15 , 2+:40 , 3+:80 mg/dL
Glucose) -:Negative , 1+:100 , 2+:250 , 3+:500 , 4+:>=1000 mg/dL
Occult Blood) -:Negative , +/-:0.015 , 1+:0.062 , 2+:0.135 , 3+:0.405 mg/dL

Table 5 - 5 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Urinalysis Stage : Week 6 of administration (non-mating group)

Sex : Female Species : Rat

Test article Dose		Bilirubin -	Bilirubin 1+	Bilirubin 2+	Bilirubin 3+	Urobilinogen +/-	Urobilinogen 1+	Urobilinogen 2+	Urobilinogen 3+
EHOEE 0 mg/kg	n	5	0	0	0	5	0	0	0
EHOEE 1000 mg/kg	n	5	0	0	0	5	0	0	0

Test article Dose		Color LY	Y	DY	BR	RE	RB	WH	BL	CL	OT
EHOEE 0 mg/kg	n	0	5	0	0	0	0	0	0	0	0
EHOEE 1000 mg/kg	n	0	5	0	0	0	0	0	0	0	0

Color LY: Light Yellow Y: Yellow DY: Dark Yellow BR: Brown RE: Red RB: Reddish brown WH: White BL: Blue CL: Colorless OT: Other
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals
Bilirubin) -:Negative , 1+:0.8 , 2+:1.6 , 3+:3.2 mg/dL
Urobilinogen) +/-:0.1 - 1.0 , 1+:2.0 , 2+:4.0 , 3+:>=8.0 Ehrlich U/dL

Table 5 - 6 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Urinalysis Stage : Week 6 of administration

Sex : Male Species : Rat

Test article Dose		RBC					WBC				
		-	+/-	1+	2+	3+	-	+/-	1+	2+	3+
EHOEE 0 mg/kg	n	5	0	0	0	0	5	0	0	0	0
EHOEE 100 mg/kg	n	5	0	0	0	0	5	0	0	0	0
EHOEE 300 mg/kg	n	5	0	0	0	0	5	0	0	0	0
EHOEE 1000 mg/kg	n	5	0	0	0	0	5	0	0	0	0

Test article Dose		Squamous epithelial cells					Small round epithelial cells				
		-	+/-	1+	2+	3+	-	+/-	1+	2+	3+
EHOEE 0 mg/kg	n	0	5	0	0	0	5	0	0	0	0
EHOEE 100 mg/kg	n	0	5	0	0	0	5	0	0	0	0
EHOEE 300 mg/kg	n	0	5	0	0	0	5	0	0	0	0
EHOEE 1000 mg/kg	n	0	5	0	0	0	5	0	0	0	0

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals
RBC) -:Negative , +/-:Slight , 1+:Mild , 2+:Moderate , 3+:Severe
WBC) -:Negative , +/-:Slight , 1+:Mild , 2+:Moderate , 3+:Severe
Squamous epithelial cells) -:Negative , +/-:Slight , 1+:Mild , 2+:Moderate , 3+:Severe
Small round epithelial cells) -:Negative , +/-:Slight , 1+:Mild , 2+:Moderate , 3+:Severe

Table 5 - 7 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Urinalysis Stage : Week 6 of administration

Sex : Male Species : Rat

Test article / Dose		Cast					Crystal phosphate salts				
		-	+/-	1+	2+	3+	-	+/-	1+	2+	3+
EHOEE 0 mg/kg	n	5	0	0	0	0	3	2	0	0	0
EHOEE 100 mg/kg	n	5	0	0	0	0	4	1	0	0	0
EHOEE 300 mg/kg	n	5	0	0	0	0	5	0	0	0	0
EHOEE 1000 mg/kg	n	5	0	0	0	0	5	0	0	0	0

Test article / Dose		Crystal calcium oxalate				
		-	+/-	1+	2+	3+
EHOEE 0 mg/kg	n	5	0	0	0	0
EHOEE 100 mg/kg	n	5	0	0	0	0
EHOEE 300 mg/kg	n	5	0	0	0	0
EHOEE 1000 mg/kg	n	4	1	0	0	0

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals
Cast) -:Negative , +/-:Slight , 1+:Mild , 2+:Moderate , 3+:Severe
Crystal phosphate salts) -:Negative , +/-:Slight , 1+:Mild , 2+:Moderate , 3+:Severe
Crystal calcium oxalate) -:Negative , +/-:Slight , 1+:Mild , 2+:Moderate , 3+:Severe

Table 5 - 8 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Urinalysis Stage : Week 6 of administration (non-mating group)

Sex : Female Species : Rat

Test article / Dose		RBC -	RBC +/-	RBC 1+	RBC 2+	RBC 3+	WBC -	WBC +/-	WBC 1+	WBC 2+	WBC 3+
EHOEE 0 mg/kg	n	5	0	0	0	0	5	0	0	0	0
EHOEE 1000 mg/kg	n	5	0	0	0	0	5	0	0	0	0

Test article / Dose		Squamous epithelial cells -	Squamous epithelial cells +/-	Squamous epithelial cells 1+	Squamous epithelial cells 2+	Squamous epithelial cells 3+	Small round epithelial cells -	Small round epithelial cells +/-	Small round epithelial cells 1+	Small round epithelial cells 2+	Small round epithelial cells 3+
EHOEE 0 mg/kg	n	0	5	0	0	0	5	0	0	0	0
EHOEE 1000 mg/kg	n	0	5	0	0	0	5	0	0	0	0

Test article / Dose		Cast -	Cast +/-	Cast 1+	Cast 2+	Cast 3+	Crystal phosphate salts -	Crystal phosphate salts +/-	Crystal phosphate salts 1+	Crystal phosphate salts 2+	Crystal phosphate salts 3+
EHOEE 0 mg/kg	n	5	0	0	0	0	4	1	0	0	0
EHOEE 1000 mg/kg	n	5	0	0	0	0	5	0	0	0	0

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals
RBC) -:Negative , +/-:Slight , 1+:Mild , 2+:Moderate , 3+:Severe
WBC) -:Negative , +/-:Slight , 1+:Mild , 2+:Moderate , 3+:Severe
Squamous epithelial cells) -:Negative , +/-:Slight , 1+:Mild , 2+:Moderate , 3+:Severe
Small round epithelial cells) -:Negative , +/-:Slight , 1+:Mild , 2+:Moderate , 3+:Severe
Cast) -:Negative , +/-:Slight , 1+:Mild , 2+:Moderate , 3+:Severe
Crystal phosphate salts) -:Negative , +/-:Slight , 1+:Mild , 2+:Moderate , 3+:Severe

Table 5 - 9 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Urinalysis Stage : Week 6 of administration (non-mating group)

Sex : Female Species : Rat

Test article Dose		Crystal calcium oxalate				
		-	+/-	1+	2+	3+
EHOEE 0 mg/kg	n	5	0	0	0	0
EHOEE 1000 mg/kg	n	4	1	0	0	0

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals
Crystal calcium oxalate) -:Negative , +/-:Slight , 1+:Mild , 2+:Moderate , 3+:Severe

Table 5 - 10 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Urinalysis Stage : Week 6 of administration

Sex : Male Species : Rat

Test article Dose		Water consumption mL/24h	Urine volume mL/24h	Osmotic pressure mOsm/kg	U-Na mmol/24h	U-K mmol/24h	U-Cl mmol/24h
EHOEE	n	5	5	5	5	5	5
0 mg/kg	Mean	42	10.8	1871	1.7	3.3	2.3
	S.D.	5	1.8	239	0.5	0.7	0.6
EHOEE	n	5	5	5	5	5	5
100 mg/kg	Mean	41	12.4	1874	1.6	3.5	2.4
	S.D.	4	5.6	423	0.9	1.5	1.2
EHOEE	n	5	5	5	5	5	5
300 mg/kg	Mean	40	11.3	1789	1.6	3.2	2.4
	S.D.	4	3.1	274	0.4	1.0	0.7
EHOEE	n	5	5	5	5	5	5
1000 mg/kg	Mean	52	21.0	1290	2.0	3.7	2.7
	S.D.	5	6.2	329	0.4	0.7	0.7
		DT *	DT **	DT *			

Significantly different from EHOEE 0 mg/kg : * P<0.05, ** P<0.01
DT : Dunnett test (two-side)
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 5 - 11 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Urinalysis Stage : Week 6 of administration (non-mating group)

Sex : Female Species : Rat

Test article Dose		Water consumption mL/24h	Urine volume mL/24h	Osmotic pressure mOsm/kg	U-Na mmol/24h	U-K mmol/24h	U-Cl mmol/24h
EHOEE	n	5	5	5	5	5	5
0 mg/kg	Mean	32	6.9	1625	0.8	1.7	1.1
	S.D.	9	1.5	258	0.1	0.1	0.1
EHOEE	n	5	5	5	5	5	5
1000 mg/kg	Mean	41	12.3	1368	1.1	2.2	1.6
	S.D.	12	1.7	300	0.2	0.3	0.3
			T2 **		T2 *	A2 *	T2 *

Significantly different from EHOEE 0 mg/kg : * P<0.05, ** P<0.01
A2 : Welch test (two-side), T2 : Student t-test (two-side)
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 5 - 12 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Urinalysis Stage : Week 2 of recovery

Sex : Male Species : Rat

pH

Test article Dose		5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	>=9.0
EHOEE 0 mg/kg	n	0	0	0	0	0	1	2	1	1
EHOEE 1000 mg/kg	n	0	0	0	0	0	0	0	2	3

		Protein					Ketones				
Test article Dose		-	+/-	1+	2+	3+	-	+/-	1+	2+	3+
EHOEE 0 mg/kg	n	1	1	3	0	0	0	2	3	0	0
EHOEE 1000 mg/kg	n	0	2	3	0	0	0	2	2	1	0

		Glucose					Occult Blood				
Test article Dose		-	1+	2+	3+	4+	-	+/-	1+	2+	3+
EHOEE 0 mg/kg	n	5	0	0	0	0	0	5	0	0	0
EHOEE 1000 mg/kg	n	5	0	0	0	0	2	3	0	0	0

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals
Protein) -:Negative , +/-:15 , 1+:30 , 2+:100 , 3+:>=300 mg/dL
Ketones) -:Negative , +/-:5 , 1+:15 , 2+:40 , 3+:80 mg/dL
Glucose) -:Negative , 1+:100 , 2+:250 , 3+:500 , 4+:>=1000 mg/dL
Occult Blood) -:Negative , +/-:0.015 , 1+:0.062 , 2+:0.135 , 3+:0.405 mg/dL

Table 5 - 13 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Urinalysis Stage : Week 2 of recovery

Sex : Male Species : Rat

Test article Dose		Bilirubin -	Bilirubin 1+	Bilirubin 2+	Bilirubin 3+	Urobilinogen +/-	Urobilinogen 1+	Urobilinogen 2+	Urobilinogen 3+
EHOEE 0 mg/kg	n	5	0	0	0	5	0	0	0
EHOEE 1000 mg/kg	n	5	0	0	0	5	0	0	0

Test article Dose		Color LY	Y	DY	BR	RE	RB	WH	BL	CL	OT
EHOEE 0 mg/kg	n	0	5	0	0	0	0	0	0	0	0
EHOEE 1000 mg/kg	n	0	5	0	0	0	0	0	0	0	0

Color LY: Light Yellow Y: Yellow DY: Dark Yellow BR: Brown RE: Red RB: Reddish brown WH: White BL: Blue CL: Colorless OT: Other
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals
Bilirubin) -:Negative , 1+:0.8 , 2+:1.6 , 3+:3.2 mg/dL
Urobilinogen) +/-:0.1 - 1.0 , 1+:2.0 , 2+:4.0 , 3+:>=8.0 Ehrlich U/dL

Table 5 - 14 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Urinalysis Stage : Week 2 of recovery (non-mating group)

Sex : Female Species : Rat

pH

Test article Dose		5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	>=9.0
EHOEE 0 mg/kg	n	0	0	0	1	0	1	0	3	0
EHOEE 1000 mg/kg	n	0	0	0	0	0	0	0	1	4

Test article		Protein					Ketones				
Dose		-	+/-	1+	2+	3+	-	+/-	1+	2+	3+
EHOEE 0 mg/kg	n	4	1	0	0	0	3	2	0	0	0
EHOEE 1000 mg/kg	n	3	2	0	0	0	3	2	0	0	0

Test article		Glucose					Occult Blood				
Dose		-	1+	2+	3+	4+	-	+/-	1+	2+	3+
EHOEE 0 mg/kg	n	5	0	0	0	0	5	0	0	0	0
EHOEE 1000 mg/kg	n	5	0	0	0	0	5	0	0	0	0

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals
Protein) -:Negative , +/-:15 , 1+:30 , 2+:100 , 3+:>=300 mg/dL
Ketones) -:Negative , +/-:5 , 1+:15 , 2+:40 , 3+:80 mg/dL
Glucose) -:Negative , 1+:100 , 2+:250 , 3+:500 , 4+:>=1000 mg/dL
Occult Blood) -:Negative , +/-:0.015 , 1+:0.062 , 2+:0.135 , 3+:0.405 mg/dL

Table 5 - 15 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Urinalysis Stage : Week 2 of recovery (non-mating group)

Sex : Female Species : Rat

Test article Dose		Bilirubin -	Bilirubin 1+	Bilirubin 2+	Bilirubin 3+	Urobilinogen +/-	Urobilinogen 1+	Urobilinogen 2+	Urobilinogen 3+
EHOEE 0 mg/kg	n	5	0	0	0	5	0	0	0
EHOEE 1000 mg/kg	n	5	0	0	0	5	0	0	0

Test article Dose		Color LY	Y	DY	BR	RE	RB	WH	BL	CL	OT
EHOEE 0 mg/kg	n	0	5	0	0	0	0	0	0	0	0
EHOEE 1000 mg/kg	n	0	5	0	0	0	0	0	0	0	0

Color LY: Light Yellow Y: Yellow DY: Dark Yellow BR: Brown RE: Red RB: Reddish brown WH: White BL: Blue CL: Colorless OT: Other
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals
Bilirubin) -:Negative , 1+:0.8 , 2+:1.6 , 3+:3.2 mg/dL
Urobilinogen) +/-:0.1 - 1.0 , 1+:2.0 , 2+:4.0 , 3+:>=8.0 Ehrlich U/dL

Table 5 - 16 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Urinalysis Stage : Week 2 of recovery

Sex : Male Species : Rat

Test article / Dose		RBC -	RBC +/-	RBC 1+	RBC 2+	RBC 3+	WBC -	WBC +/-	WBC 1+	WBC 2+	WBC 3+
EHOEE 0 mg/kg	n	5	0	0	0	0	5	0	0	0	0
EHOEE 1000 mg/kg	n	5	0	0	0	0	5	0	0	0	0

Test article / Dose		Squamous epithelial cells -	Squamous epithelial cells +/-	Squamous epithelial cells 1+	Squamous epithelial cells 2+	Squamous epithelial cells 3+	Small round epithelial cells -	Small round epithelial cells +/-	Small round epithelial cells 1+	Small round epithelial cells 2+	Small round epithelial cells 3+
EHOEE 0 mg/kg	n	0	5	0	0	0	5	0	0	0	0
EHOEE 1000 mg/kg	n	0	5	0	0	0	5	0	0	0	0

Test article / Dose		Cast -	Cast +/-	Cast 1+	Cast 2+	Cast 3+	Crystal phosphate salts -	Crystal phosphate salts +/-	Crystal phosphate salts 1+	Crystal phosphate salts 2+	Crystal phosphate salts 3+
EHOEE 0 mg/kg	n	5	0	0	0	0	3	2	0	0	0
EHOEE 1000 mg/kg	n	5	0	0	0	0	4	1	0	0	0

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals
RBC) -:Negative , +/-:Slight , 1+:Mild , 2+:Moderate , 3+:Severe
WBC) -:Negative , +/-:Slight , 1+:Mild , 2+:Moderate , 3+:Severe
Squamous epithelial cells) -:Negative , +/-:Slight , 1+:Mild , 2+:Moderate , 3+:Severe
Small round epithelial cells) -:Negative , +/-:Slight , 1+:Mild , 2+:Moderate , 3+:Severe
Cast) -:Negative , +/-:Slight , 1+:Mild , 2+:Moderate , 3+:Severe
Crystal phosphate salts) -:Negative , +/-:Slight , 1+:Mild , 2+:Moderate , 3+:Severe

Table 5 - 17 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Urinalysis Stage : Week 2 of recovery

Sex : Male Species : Rat

Test article Dose		Crystal calcium oxalate				
		-	+/-	1+	2+	3+
EHOEE 0 mg/kg	n	5	0	0	0	0
EHOEE 1000 mg/kg	n	5	0	0	0	0

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals
Crystal calcium oxalate) -:Negative , +/-:Slight , 1+:Mild , 2+:Moderate , 3+:Severe

Table 5 - 18 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Urinalysis Stage : Week 2 of recovery (non-mating group)

Sex : Female Species : Rat

Test article / Dose		RBC -	RBC +/-	RBC 1+	RBC 2+	RBC 3+	WBC -	WBC +/-	WBC 1+	WBC 2+	WBC 3+
EHOEE 0 mg/kg	n	5	0	0	0	0	5	0	0	0	0
EHOEE 1000 mg/kg	n	5	0	0	0	0	5	0	0	0	0

Test article / Dose		Squamous epithelial cells -	Squamous epithelial cells +/-	Squamous epithelial cells 1+	Squamous epithelial cells 2+	Squamous epithelial cells 3+	Small round epithelial cells -	Small round epithelial cells +/-	Small round epithelial cells 1+	Small round epithelial cells 2+	Small round epithelial cells 3+
EHOEE 0 mg/kg	n	0	5	0	0	0	5	0	0	0	0
EHOEE 1000 mg/kg	n	0	5	0	0	0	5	0	0	0	0

Test article / Dose		Cast -	Cast +/-	Cast 1+	Cast 2+	Cast 3+	Crystal phosphate salts -	Crystal phosphate salts +/-	Crystal phosphate salts 1+	Crystal phosphate salts 2+	Crystal phosphate salts 3+
EHOEE 0 mg/kg	n	5	0	0	0	0	3	2	0	0	0
EHOEE 1000 mg/kg	n	5	0	0	0	0	3	2	0	0	0

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals
RBC) -:Negative , +/-:Slight , 1+:Mild , 2+:Moderate , 3+:Severe
WBC) -:Negative , +/-:Slight , 1+:Mild , 2+:Moderate , 3+:Severe
Squamous epithelial cells) -:Negative , +/-:Slight , 1+:Mild , 2+:Moderate , 3+:Severe
Small round epithelial cells) -:Negative , +/-:Slight , 1+:Mild , 2+:Moderate , 3+:Severe
Cast) -:Negative , +/-:Slight , 1+:Mild , 2+:Moderate , 3+:Severe
Crystal phosphate salts) -:Negative , +/-:Slight , 1+:Mild , 2+:Moderate , 3+:Severe

Table 5 - 19 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Urinalysis Stage : Week 2 of recovery (non-mating group)

Sex : Female Species : Rat

Test article Dose		Crystal calcium oxalate				
		-	+/-	1+	2+	3+
EHOEE 0 mg/kg	n	5	0	0	0	0
EHOEE 1000 mg/kg	n	5	0	0	0	0

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals
Crystal calcium oxalate) -:Negative , +/-:Slight , 1+:Mild , 2+:Moderate , 3+:Severe

Table 5 - 20 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Urinalysis Stage : Week 2 of recovery

Sex : Male Species : Rat

Test article Dose		Water consumption mL/24h	Urine volume mL/24h	Osmotic pressure mOsm/kg	U-Na mmol/24h	U-K mmol/24h	U-Cl mmol/24h
EHOEE	n	5	5	5	5	5	5
0 mg/kg	Mean	50	16.1	1918	2.0	4.6	2.8
	S.D.	12	6.5	246	0.4	1.2	0.7
EHOEE	n	5	5	5	5	5	5
1000 mg/kg	Mean	42	16.8	1912	2.3	4.9	3.2
	S.D.	6	6.7	155	0.4	1.6	0.9

Not significantly different from EHOEE 0 mg/kg
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 5 - 21 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Urinalysis Stage : Week 2 of recovery (non-mating group)

Sex : Female Species : Rat

Test article Dose		Water consumption mL/24h	Urine volume mL/24h	Osmotic pressure mOsm/kg	U-Na mmol/24h	U-K mmol/24h	U-Cl mmol/24h
EHOEE	n	5	5	5	5	5	5
0 mg/kg	Mean	36	10.1	1786	1.2	2.6	1.7
	S.D.	6	3.0	439	0.2	0.4	0.3
EHOEE	n	5	5	5	5	5	5
1000 mg/kg	Mean	35	11.2	1886	1.4	3.0	2.1
	S.D.	4	2.8	480	0.3	0.3	0.3
							T2 *

Significantly different from EHOEE 0 mg/kg : * P<0.05
T2 : Student t-test (two-side)
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 6 - 1 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Hematology and Coagulation tests Stage : End of administration

Sex : Male Species : Rat

Test article Dose		RBC 10^4/μL	HGB g/dL	HCT %	MCV fL	MCH pg	MCHC g/dL	RDW %	#RETIC 10^9/L	PLT 10^4/μL	WBC 10^2/μL
EHOEE	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	845	15.9	45.3	53.7	18.9	35.2	12.4	190.3	111.7	90.1
	S.D.	29	0.3	1.0	2.3	0.7	0.6	0.5	13.2	14.6	32.3
EHOEE	n	5	5	5	5	5	5	5	5	5	5
100 mg/kg	Mean	844	15.7	45.4	53.8	18.6	34.6	12.3	174.9	102.2	87.2
	S.D.	32	0.4	1.7	1.7	0.4	0.6	0.5	23.9	8.9	10.5
EHOEE	n	5	5	5	5	5	5	5	5	5	5
300 mg/kg	Mean	842	15.3	43.7	51.9	18.2	35.0	12.8	160.0	105.9	100.8
	S.D.	21	0.5	1.3	0.7	0.3	0.2	0.4	51.0	11.4	18.9
EHOEE	n	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	821	15.0	44.0	53.6	18.3	34.2	12.5	150.2	105.5	102.3
	S.D.	38	0.5	1.1	1.3	0.3	0.5	0.2	18.0	9.7	22.1
			DT *				DT *				

Test article Dose		#LYMP 10^2/μL	#NEUT 10^2/μL	#EOS 10^2/μL	#BASO 10^2/μL	#MONO 10^2/μL	#LUC 10^2/μL	PT s	APTT s	FIB mg/dL
EHOEE	n	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	65.7	20.5	1.1	0.2	1.8	0.8	12.9	17.0	318
	S.D.	24.3	7.5	0.4	0.1	0.5	0.5	0.2	2.2	31
EHOEE	n	5	5	5	5	5	5	5	5	5
100 mg/kg	Mean	64.2	18.8	1.2	0.2	2.1	0.7	12.9	16.9	295
	S.D.	13.0	3.7	0.3	0.1	0.4	0.3	0.2	1.1	24
EHOEE	n	5	5	5	5	5	5	5	5	5
300 mg/kg	Mean	78.9	17.2	1.3	0.3	2.2	0.9	12.8	15.6	297
	S.D.	13.9	9.2	0.9	0.1	1.0	0.5	0.6	1.3	14
EHOEE	n	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	75.6	21.2	1.4	0.3	2.7	1.1	13.3	18.2	271
	S.D.	14.1	8.7	0.4	0.1	1.2	0.3	0.9	4.4	26
										DT *

Significantly different from EHOEE 0 mg/kg : * P<0.05
DT : Dunnett test (two-side)
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 6 - 2 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Hematology and Coagulation tests Stage : End of lactation (F0 dams)

Sex : Female Species : Rat

Test article Dose		RBC 10^4/μL	HGB g/dL	HCT %	MCV fL	MCH pg	MCHC g/dL	RDW %	#RETIC 10^9/L	PLT 10^4/μL	WBC 10^2/μL
EHOEE	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	754	15.8	44.7	59.2	21.0	35.4	13.5	264.3	115.6	73.8
	S.D.	20	0.8	1.4	1.4	0.8	0.7	1.3	28.8	12.6	7.5
EHOEE	n	5	5	5	5	5	5	5	5	5	5
100 mg/kg	Mean	751	15.5	42.6	56.7	20.6	36.4	13.3	242.2	116.7	143.9
	S.D.	29	0.4	2.3	1.2	0.3	1.0	0.7	48.3	4.2	48.0
					DT *						DT **
EHOEE	n	5	5	5	5	5	5	5	5	5	5
300 mg/kg	Mean	724	15.1	42.7	59.0	20.9	35.4	13.9	268.9	121.8	92.7
	S.D.	19	0.7	2.0	1.5	0.6	0.2	0.6	29.4	14.2	26.1
EHOEE	n	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	747	15.5	43.3	58.0	20.8	35.9	13.9	252.0	119.2	98.8
	S.D.	22	0.4	1.7	1.4	0.2	0.5	1.0	47.1	10.7	18.7

Test article Dose		#LYMP 10^2/μL	#NEUT 10^2/μL	#EOS 10^2/μL	#BASO 10^2/μL	#MONO 10^2/μL	#LUC 10^2/μL	PT s	APTT s	FIB mg/dL
EHOEE	n	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	45.2	24.5	0.5	0.1	2.5	1.0	12.6	13.4	391
	S.D.	6.8	4.2	0.4	0.0	1.2	0.4	0.6	1.2	67
EHOEE	n	5	5	5	5	5	5	5	5	5
100 mg/kg	Mean	71.3	63.4	0.9	0.3	5.6	2.3	12.7	13.2	414
	S.D.	19.9	28.6	0.5	0.1	1.0	1.3	0.8	2.0	62
		DT *	DT **		DT **	DT *				
EHOEE	n	5	5	5	5	5	5	5	5	5
300 mg/kg	Mean	51.6	34.6	1.0	0.2	4.1	1.4	12.3	13.2	427
	S.D.	18.2	9.9	0.6	0.1	2.7	0.9	0.5	1.1	140
EHOEE	n	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	48.6	45.2	0.6	0.2	3.2	1.1	12.0	12.6	470
	S.D.	8.8	17.8	0.3	0.1	1.9	0.6	0.7	0.7	116

Significantly different from EHOEE 0 mg/kg : * P<0.05, ** P<0.01
DT : Dunnett test (two-side)
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

Table 6 - 3 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Hematology and Coagulation tests Stage : End of administration (non-mating group)

Sex : Female Species : Rat

Test article Dose		RBC 10^4/μL	HGB g/dL	HCT %	MCV fL	MCH pg	MCHC g/dL	RDW %	#RETIC 10^9/L	PLT 10^4/μL	WBC 10^2/μL
EHOEE	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	765	15.2	42.4	55.4	19.8	35.8	11.6	163.8	105.3	52.8
	S.D.	33	0.7	2.0	1.4	0.7	0.8	0.3	27.0	11.1	18.5
EHOEE	n	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	756	14.8	42.2	55.9	19.6	35.0	11.5	190.4	108.9	61.0
	S.D.	20	0.6	2.0	2.3	0.8	0.3	0.6	27.3	4.5	20.2

Test article Dose		#LYMP 10^2/μL	#NEUT 10^2/μL	#EOS 10^2/μL	#BASO 10^2/μL	#MONO 10^2/μL	#LUC 10^2/μL	PT s	APTT s	FIB mg/dL
EHOEE	n	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	40.2	10.3	0.7	0.1	1.1	0.4	13.0	15.1	226
	S.D.	12.3	6.0	0.3	0.1	0.4	0.2	0.4	2.4	30
EHOEE	n	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	48.9	9.2	0.9	0.1	1.4	0.5	12.5	13.3	229
	S.D.	16.4	3.9	0.6	0.1	0.8	0.3	0.7	1.0	15

Not significantly different from EHOEE 0 mg/kg
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 6 - 4 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Hematology and Coagulation tests Stage : End of recovery

Sex : Male Species : Rat

Test article Dose		RBC 10^4/μL	HGB g/dL	HCT %	MCV fL	MCH pg	MCHC g/dL	RDW %	#RETIC 10^9/L	PLT 10^4/μL	WBC 10^2/μL
EHOEE	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	825	15.5	42.6	51.6	18.8	36.4	12.9	153.2	104.6	78.9
	S.D.	34	0.6	1.5	0.5	0.2	0.3	1.0	42.8	8.3	20.0
EHOEE	n	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	863	16.2	44.9	52.0	18.8	36.2	12.9	205.0	113.9	84.2
	S.D.	40	1.0	2.7	1.9	0.7	0.2	1.1	41.0	16.4	17.2

Test article Dose		#LYMP 10^2/μL	#NEUT 10^2/μL	#EOS 10^2/μL	#BASO 10^2/μL	#MONO 10^2/μL	#LUC 10^2/μL	PT s	APTT s	FIB mg/dL
EHOEE	n	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	64.6	9.9	0.9	0.1	2.1	1.3	13.5	17.2	288
	S.D.	18.2	2.6	0.3	0.1	0.9	1.3	0.7	2.3	23
EHOEE	n	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	60.2	17.7	1.6	0.2	3.1	1.4	13.9	19.1	273
	S.D.	12.6	5.4	0.4	0.1	1.5	0.9	0.5	2.0	20
			T2 *	T2 *						

Significantly different from EHOEE 0 mg/kg : * P<0.05
T2 : Student t-test (two-side)
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 6 - 5 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Hematology and Coagulation tests Stage : End of recovery (non-mating group)

Sex : Female Species : Rat

Test article Dose		RBC	HGB	HCT	MCV	MCH	MCHC	RDW	#RETIC	PLT	WBC
		10^4/μL	g/dL	%	fL	pg	g/dL	%	10^9/L	10^4/μL	10^2/μL
EHOEE	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	776	15.7	42.5	54.8	20.3	37.1	11.6	136.9	108.7	57.2
	S.D.	35	0.6	2.2	0.7	0.2	0.8	0.3	30.8	10.2	7.9
EHOEE	n	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	793	15.8	42.6	53.8	20.0	37.1	12.0	143.6	111.4	67.1
	S.D.	38	0.6	1.2	2.1	0.8	0.7	0.6	29.3	6.9	22.1

Test article Dose		#LYMP	#NEUT	#EOS	#BASO	#MONO	#LUC	PT	APTT	FIB
		10^2/μL	10^2/μL	10^2/μL	10^2/μL	10^2/μL	10^2/μL	s	s	mg/dL
EHOEE	n	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	47.8	7.0	0.8	0.1	1.0	0.6	12.5	14.0	194
	S.D.	6.2	2.7	0.3	0.0	0.3	0.1	0.3	1.1	14
EHOEE	n	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	58.0	5.8	1.0	0.1	1.4	0.7	13.1	14.3	205
	S.D.	21.2	1.6	0.2	0.1	0.5	0.4	0.3	0.7	17
								T2 *		

Significantly different from EHOEE 0 mg/kg : * P<0.05

T2 : Student t-test (two-side)

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

n: Number of animals

Table 7 - 1 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Blood chemistry Stage : End of administration

Sex : Male Species : Rat

Test article Dose		AST IU/L	ALT IU/L	ALP IU/L	γ-GTP IU/L	T-BA μmol/L	T-CHO mg/dL	TG mg/dL	PL mg/dL	T-BIL mg/dL	GLU mg/dL
EHOEE	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	62	44	546	0	24.7	72	71	112	0.1	137
	S.D.	14	6	108	0	16.3	21	41	23	0.0	21
EHOEE	n	5	5	5	5	5	5	5	5	5	5
100 mg/kg	Mean	62	39	458	0	38.2	74	60	116	0.1	163
	S.D.	8	10	125	0	15.3	10	31	8	0.0	11
EHOEE	n	5	5	5	5	5	5	5	5	5	5
300 mg/kg	Mean	61	36	421	0	23.7	77	76	118	0.1	170
	S.D.	10	7	89	0	13.3	9	37	11	0.0	24
											DT *
EHOEE	n	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	100	63	485	1	52.0	77	61	124	0.2	132
	S.D.	95	53	166	1	77.8	16	24	21	0.1	21
					ST *						

Test article Dose		BUN mg/dL	CRNN mg/dL	Na mmol/L	K mmol/L	Cl mmol/L	Ca mg/dL	P mg/dL	TP g/dL	ALB g/dL
EHOEE	n	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	16	0.28	144	3.9	105	10.7	5.8	6.6	3.4
	S.D.	4	0.02	1	0.2	1	0.2	0.7	0.1	0.1
EHOEE	n	5	5	5	5	5	5	5	5	5
100 mg/kg	Mean	16	0.28	144	3.8	106	10.7	5.9	6.4	3.3
	S.D.	4	0.03	1	0.1	1	0.1	0.6	0.1	0.0
									ST *	
EHOEE	n	5	5	5	5	5	5	5	5	5
300 mg/kg	Mean	16	0.27	143	4.0	105	10.6	5.5	6.3	3.2
	S.D.	2	0.03	1	0.2	1	0.2	0.4	0.4	0.1
EHOEE	n	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	11	0.27	144	3.9	104	10.9	6.1	6.4	3.3
	S.D.	2	0.04	1	0.2	2	0.3	0.5	0.3	0.2
		DT *								

Significantly different from EHOEE 0 mg/kg : * P<0.05
DT : Dunnett test (two-side), ST : Steel test (two-side)
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 7 - 2 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Blood chemistry Stage : End of lactation (F0 dams)

Sex : Female Species : Rat

Test article Dose		AST IU/L	ALT IU/L	ALP IU/L	γ-GTP IU/L	T-BA μmol/L	T-CHO mg/dL	TG mg/dL	PL mg/dL	T-BIL mg/dL	GLU mg/dL
EHOEE	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	101	60	285	0	25.4	99	103	181	0.1	138
	S.D.	48	25	114	0	4.0	8	46	13	0.0	13
EHOEE	n	5	5	5	5	5	5	5	5	5	5
100 mg/kg	Mean	128	87	518	1	52.3	110	129	204	0.1	137
	S.D.	68	14	120	1	41.6	9	77	26	0.0	18
				DT *							
EHOEE	n	5	5	5	5	5	5	5	5	5	5
300 mg/kg	Mean	129	82	350	1	61.0	99	88	178	0.1	139
	S.D.	68	31	76	1	40.0	8	26	15	0.0	20
EHOEE	n	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	139	93	395	1	41.1	107	130	204	0.0	123
	S.D.	71	30	140	0	21.4	18	50	19	0.0	4
					ST *						

Test article Dose		BUN mg/dL	CRNN mg/dL	Na mmol/L	K mmol/L	Cl mmol/L	Ca mg/dL	P mg/dL	TP g/dL	ALB g/dL
EHOEE	n	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	22	0.34	141	3.4	104	11.0	7.3	6.6	3.5
	S.D.	5	0.03	2	0.3	2	0.3	1.9	0.4	0.3
EHOEE	n	5	5	5	5	5	5	5	5	5
100 mg/kg	Mean	24	0.36	141	3.3	101	11.1	9.5	6.6	3.4
	S.D.	5	0.05	3	0.1	2	0.5	0.9	0.5	0.3
								DT *		
EHOEE	n	5	5	5	5	5	5	5	5	5
300 mg/kg	Mean	24	0.35	143	3.3	103	11.0	8.4	6.5	3.3
	S.D.	7	0.05	2	0.5	2	0.4	1.2	0.2	0.2
EHOEE	n	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	30	0.41	141	3.4	100	11.6	9.1	6.7	3.5
	S.D.	6	0.07	3	0.4	2	0.5	1.0	0.3	0.1
						DT *				

Significantly different from EHOEE 0 mg/kg : * P<0.05
DT : Dunnett test (two-side), ST : Steel test (two-side)
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

Table 7 - 3 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Blood chemistry Stage : End of administration (non-mating group)

Sex : Female Species : Rat

Test article Dose		AST IU/L	ALT IU/L	ALP IU/L	γ-GTP IU/L	T-BA μmol/L	T-CHO mg/dL	TG mg/dL	PL mg/dL	T-BIL mg/dL	GLU mg/dL
EHOEE	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	54	28	265	0	32.7	75	22	144	0.1	150
	S.D.	4	6	47	0	12.9	7	9	12	0.0	15
EHOEE	n	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	51	38	288	1	28.2	85	25	154	0.1	145
	S.D.	7	9	128	0	11.2	13	5	17	0.0	27
					A2 *						

Test article Dose		BUN mg/dL	CRNN mg/dL	Na mmol/L	K mmol/L	Cl mmol/L	Ca mg/dL	P mg/dL	TP g/dL	ALB g/dL
EHOEE	n	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	16	0.34	143	3.3	108	10.5	3.8	6.7	3.8
	S.D.	1	0.03	0	0.1	2	0.3	0.2	0.2	0.2
EHOEE	n	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	15	0.36	142	3.3	108	10.7	3.7	7.0	3.9
	S.D.	3	0.04	1	0.2	1	0.1	0.7	0.2	0.1
									T2 *	

Significantly different from EHOEE 0 mg/kg : * P<0.05

A2 : Welch test (two-side), T2 : Student t-test (two-side)

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

n: Number of animals

Table 7 - 4 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Blood chemistry Stage : End of recovery

Sex : Male Species : Rat

Test article Dose		AST IU/L	ALT IU/L	ALP IU/L	γ-GTP IU/L	T-BA μmol/L	T-CHO mg/dL	TG mg/dL	PL mg/dL	T-BIL mg/dL	GLU mg/dL
EHOEE	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	59	30	325	0	21.1	72	64	107	0.1	155
	S.D.	4	3	78	0	10.4	15	9	17	0.0	24
EHOEE	n	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	58	36	309	0	17.5	68	70	105	0.1	141
	S.D.	7	2	79	0	8.3	12	28	10	0.0	16
			T2 *								

Test article Dose		BUN mg/dL	CRNN mg/dL	Na mmol/L	K mmol/L	Cl mmol/L	Ca mg/dL	P mg/dL	TP g/dL	ALB g/dL
EHOEE	n	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	16	0.29	145	3.9	106	10.6	5.9	6.5	3.2
	S.D.	3	0.04	1	0.1	2	0.4	0.7	0.2	0.1
EHOEE	n	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	21	0.31	145	3.8	106	10.4	5.9	6.5	3.3
	S.D.	2	0.05	1	0.2	1	0.1	0.6	0.2	0.1
		T2 **								T2 *

Significantly different from EHOEE 0 mg/kg : * P<0.05, ** P<0.01
T2 : Student t-test (two-side)
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 7 - 5 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Blood chemistry Stage : End of recovery (non-mating group)

Sex : Female Species : Rat

Test article Dose		AST IU/L	ALT IU/L	ALP IU/L	γ-GTP IU/L	T-BA μmol/L	T-CHO mg/dL	TG mg/dL	PL mg/dL	T-BIL mg/dL	GLU mg/dL
EHOEE	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	53	30	198	0	27.0	76	37	143	0.1	138
	S.D.	4	3	34	0	16.0	13	17	17	0.0	20
EHOEE	n	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	54	28	148	0	25.8	78	28	145	0.1	127
	S.D.	7	3	36	1	16.9	5	7	9	0.0	8

Test article Dose		BUN mg/dL	CRNN mg/dL	Na mmol/L	K mmol/L	Cl mmol/L	Ca mg/dL	P mg/dL	TP g/dL	ALB g/dL
EHOEE	n	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	17	0.33	143	3.6	108	10.3	3.5	6.7	3.7
	S.D.	3	0.03	1	0.3	1	0.2	0.7	0.2	0.2
EHOEE	n	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	21	0.35	143	3.5	106	10.3	3.9	6.8	3.7
	S.D.	4	0.03	1	0.1	2	0.2	0.9	0.2	0.2

Not significantly different from EHOEE 0 mg/kg
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 8 - 1 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Organ weight Stage : End of administration

Sex : Male Species : Rat

Test article		Body weight	Brain		Thyroid-RL		Adrenal-RL		Thymus	
			AB	RE	AB	RE	AB	RE	AB	RE
Dose		g	g	g/100g	mg	mg/100g	mg	mg/100g	mg	mg/100g
EHOEE	n	7	7	7	7	7	7	7	7	7
0 mg/kg	Mean	566	2.26	0.40	25.5	4.5	57	10.1	334	59
	S.D.	28	0.05	0.02	7.5	1.1	1	0.7	74	11
EHOEE	n	12	12	12	12	12	12	12	12	12
100 mg/kg	Mean	569	2.15	0.38	25.3	4.5	67	11.7	358	63
	S.D.	32	0.06	0.02	3.9	0.7	10	1.3	116	19
			DT **				ST *			
EHOEE	n	12	12	12	12	12	12	12	12	12
300 mg/kg	Mean	566	2.17	0.39	24.4	4.3	62	10.9	330	59
	S.D.	42	0.09	0.03	4.9	0.9	10	1.4	59	11
			DT *							
EHOEE	n	7	7	7	7	7	7	7	7	7
1000 mg/kg	Mean	530	2.19	0.42	23.9	4.5	63	11.9	384	72
	S.D.	26	0.10	0.02	3.8	0.6	9	2.0	118	22

Test article		Spleen		Heart		Liver		Kidney-RL		Testis-RL	
		AB	RE	AB	RE	AB	RE	AB	RE	AB	RE
Dose		g	g/100g	g	g/100g	g	g/100g	g	g/100g	g	g/100g
EHOEE	n	7	7	7	7	7	7	7	7	7	7
0 mg/kg	Mean	0.82	0.15	1.53	0.27	16.21	2.86	3.67	0.65	3.51	0.62
	S.D.	0.11	0.02	0.10	0.02	1.10	0.14	0.30	0.07	0.18	0.05
EHOEE	n	12	12	12	12	12	12	12	12	12	12
100 mg/kg	Mean	0.81	0.14	1.56	0.27	16.78	2.95	3.89	0.68	3.51	0.62
	S.D.	0.11	0.01	0.10	0.02	1.43	0.20	0.31	0.05	0.34	0.07
EHOEE	n	12	12	12	12	12	12	12	12	12	12
300 mg/kg	Mean	0.81	0.14	1.53	0.27	17.43	3.07	3.87	0.69	3.48	0.62
	S.D.	0.10	0.02	0.11	0.01	2.13	0.24	0.29	0.05	0.26	0.07
EHOEE	n	7	7	7	7	7	7	7	7	7	7
1000 mg/kg	Mean	0.82	0.15	1.56	0.29	18.94	3.57	4.04	0.76	3.30	0.63
	S.D.	0.05	0.01	0.09	0.01	1.82	0.31	0.30	0.07	0.66	0.13
					DT *	DT *	DT **		DT **		

AB : Absolute weight, RE : Relative weight by body weight
Significantly different from EHOEE 0 mg/kg : * P<0.05, ** P<0.01
DT : Dunnett test (two-side), ST : Steel test (two-side)
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 8 - 2 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Organ weight Stage : End of administration

Sex : Male Species : Rat

Test article		Epididymis-RL		Prostate		Seminal vesicle		LABC		Cowper's gland-RL	
		AB	RE	AB	RE	AB	RE	AB	RE	AB	RE
Dose		mg	mg/100g	g	g/100g	g	g/100g	g	g/100g	mg	mg/100g
EHOEE	n	7	7	7	7	7	7	7	7	7	7
0 mg/kg	Mean	1338	237	1.31	0.23	1.74	0.31	1.58	0.28	146.4	25.8
	S.D.	49	15	0.26	0.05	0.16	0.02	0.12	0.02	17.7	2.5
EHOEE	n	12	12	12	12	12	12	12	12	12	12
100 mg/kg	Mean	1332	234	1.39	0.25	1.84	0.32	1.60	0.28	143.6	25.3
	S.D.	101	20	0.17	0.04	0.22	0.04	0.30	0.05	30.5	5.3
EHOEE	n	12	12	12	12	12	12	12	12	12	12
300 mg/kg	Mean	1312	233	1.40	0.25	1.67	0.30	1.52	0.27	134.3	23.7
	S.D.	68	20	0.15	0.03	0.28	0.06	0.20	0.04	33.7	5.5
EHOEE	n	7	7	7	7	7	7	7	7	7	7
1000 mg/kg	Mean	1244	236	1.36	0.25	1.66	0.31	1.61	0.30	171.7	32.4
	S.D.	197	43	0.16	0.03	0.30	0.06	0.17	0.03	26.5	4.8
											DT *

Test article		Glans penis	
		AB	RE
Dose		mg	mg/100g
EHOEE	n	7	7
0 mg/kg	Mean	133.3	23.5
	S.D.	30.8	5.3
EHOEE	n	12	12
100 mg/kg	Mean	154.2	27.4
	S.D.	60.9	11.9
EHOEE	n	12	12
300 mg/kg	Mean	145.4	25.9
	S.D.	36.5	7.3
EHOEE	n	7	7
1000 mg/kg	Mean	123.3	23.2
	S.D.	37.4	6.6

AB : Absolute weight, RE : Relative weight by body weight
LABC: Levator ani and bulbocavernosus muscle
Significantly different from EHOEE 0 mg/kg : * P<0.05
DT : Dunnett test (two-side)
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 8 - 3 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Organ weight Stage : End of lactation (F0 dams)

Sex : Female Species : Rat

Test article		Body weight	Brain		Thyroid-RL		Adrenal-RL		Thymus	
			AB	RE	AB	RE	AB	RE	AB	RE
Dose		g	g	g/100g	mg	mg/100g	mg	mg/100g	mg	mg/100g
EHOEE	n	11	11	11	11	11	11	11	11	11
0 mg/kg	Mean	338	1.98	0.59	17.5	5.2	71	20.9	208	61
	S.D.	21	0.08	0.05	3.2	0.8	11	3.0	68	19
EHOEE	n	12	12	12	12	12	12	12	12	12
100 mg/kg	Mean	344	1.99	0.58	15.9	4.6	72	21.0	226	66
	S.D.	21	0.07	0.04	2.4	0.9	8	2.2	51	13
EHOEE	n	12	12	12	12	12	12	12	12	12
300 mg/kg	Mean	344	1.98	0.58	17.5	5.1	82	23.9	225	65
	S.D.	22	0.10	0.05	3.0	0.8	9	2.9	47	14
							DT *	DT *		
EHOEE	n	12	12	12	12	12	12	12	12	12
1000 mg/kg	Mean	331	2.01	0.61	17.8	5.4	80	24.3	222	67
	S.D.	19	0.08	0.03	2.5	0.7	10	3.3	55	16
								DT *		

Test article		Spleen		Heart		Liver		Kidney-RL		Ovary-RL	
		AB	RE	AB	RE	AB	RE	AB	RE	AB	RE
Dose		g	g/100g	g	g/100g	g	g/100g	g	g/100g	mg	mg/100g
EHOEE	n	11	11	11	11	11	11	11	11	11	11
0 mg/kg	Mean	0.57	0.17	1.11	0.33	11.50	3.40	2.20	0.65	96.5	28.5
	S.D.	0.09	0.02	0.07	0.02	1.09	0.14	0.28	0.05	13.1	2.9
EHOEE	n	12	12	12	12	12	12	12	12	12	12
100 mg/kg	Mean	0.54	0.16	1.12	0.32	12.33	3.59	2.35	0.68	91.8	26.7
	S.D.	0.05	0.02	0.08	0.02	1.10	0.24	0.19	0.04	12.2	3.2
EHOEE	n	12	12	12	12	12	12	12	12	12	12
300 mg/kg	Mean	0.61	0.18	1.15	0.34	13.11	3.82	2.40	0.70	102.4	29.8
	S.D.	0.11	0.03	0.10	0.03	1.15	0.27	0.22	0.05	12.6	3.2
						DT **	DT **				
EHOEE	n	12	12	12	12	12	12	12	12	12	12
1000 mg/kg	Mean	0.60	0.18	1.10	0.33	14.43	4.36	2.43	0.74	93.5	28.2
	S.D.	0.08	0.02	0.05	0.02	0.85	0.21	0.16	0.06	11.1	2.4
						DT **	DT **	DT *	DT **		

AB : Absolute weight, RE : Relative weight by body weight
Significantly different from EHOEE 0 mg/kg : * P<0.05, ** P<0.01
DT : Dunnett test (two-side)
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

Table 8 - 4 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Organ weight Stage : End of lactation (F0 dams)

Sex : Female Species : Rat

Test article Dose		Uterus AB mg	 RE mg/100g
EHOEE	n	11	11
0 mg/kg	Mean	587	174
	S.D.	82	23
EHOEE	n	12	12
100 mg/kg	Mean	559	163
	S.D.	62	17
EHOEE	n	12	12
300 mg/kg	Mean	559	163
	S.D.	60	15
EHOEE	n	12	12
1000 mg/kg	Mean	522	158
	S.D.	101	30

AB : Absolute weight, RE : Relative weight by body weight
Not significantly different from EHOEE 0 mg/kg
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

Table 8 - 5 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Organ weight Stage : End of administration (non-mating group)

Sex : Female Species : Rat

Test article		Body weight	Brain		Thyroid-RL		Adrenal-RL		Thymus	
			AB	RE	AB	RE	AB	RE	AB	RE
Dose		g	g	g/100g	mg	mg/100g	mg	mg/100g	mg	mg/100g
EHOEE	n	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	297	1.99	0.67	17.7	6.0	72	24.2	328	110
	S.D.	11	0.06	0.02	4.7	1.5	9	3.3	93	28
EHOEE	n	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	303	2.01	0.66	20.0	6.6	68	22.5	401	132
	S.D.	12	0.06	0.03	3.5	1.2	11	3.1	59	18

Test article		Spleen		Heart		Liver		Kidney-RL		Ovary-RL	
		AB	RE	AB	RE	AB	RE	AB	RE	AB	RE
Dose		g	g/100g	g	g/100g	g	g/100g	g	g/100g	mg	mg/100g
EHOEE	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	0.50	0.17	0.91	0.31	7.71	2.61	1.89	0.64	79.2	26.7
	S.D.	0.04	0.02	0.06	0.02	0.83	0.37	0.05	0.04	8.9	2.6
EHOEE	n	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	0.55	0.18	0.94	0.31	10.90	3.59	2.11	0.70	90.2	29.6
	S.D.	0.05	0.02	0.05	0.02	0.99	0.34	0.18	0.05	23.7	6.3
						T2 **	T2 **				

Test article		Uterus	
		AB	RE
Dose		mg	mg/100g
EHOEE	n	5	5
0 mg/kg	Mean	579	196
	S.D.	94	33
EHOEE	n	5	5
1000 mg/kg	Mean	647	213
	S.D.	255	85

AB : Absolute weight, RE : Relative weight by body weight
Significantly different from EHOEE 0 mg/kg : ** P<0.01
T2 : Student t-test (two-side)
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 8 - 6 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Organ weight Stage : End of recovery

Sex : Male Species : Rat

Test article		Body weight	Brain		Thyroid-RL		Adrenal-RL		Thymus	
			AB	RE	AB	RE	AB	RE	AB	RE
Dose		g	g	g/100g	mg	mg/100g	mg	mg/100g	mg	mg/100g
EHOEE	n	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	616	2.22	0.36	25.0	4.0	59	9.6	394	64
	S.D.	42	0.08	0.03	3.8	0.5	7	0.8	140	21
EHOEE	n	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	583	2.21	0.38	26.9	4.6	72	12.5	313	54
	S.D.	52	0.07	0.04	2.1	0.6	9	1.9	90	18
							T2 *	T2 *		

Test article		Spleen		Heart		Liver		Kidney-RL		Testis-RL	
		AB	RE	AB	RE	AB	RE	AB	RE	AB	RE
Dose		g	g/100g	g	g/100g	g	g/100g	g	g/100g	g	g/100g
EHOEE	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	0.80	0.13	1.66	0.27	16.10	2.61	4.03	0.65	3.52	0.57
	S.D.	0.09	0.01	0.07	0.01	1.91	0.19	0.57	0.06	0.19	0.05
EHOEE	n	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	0.76	0.13	1.61	0.28	15.29	2.61	3.69	0.63	3.63	0.63
	S.D.	0.08	0.02	0.07	0.02	2.48	0.20	0.39	0.03	0.27	0.08

Test article		Epididymis-RL		Prostate		Seminal vesicle		LABC		Cowper's gland-RL	
		AB	RE	AB	RE	AB	RE	AB	RE	AB	RE
Dose		mg	mg/100g	g	g/100g	g	g/100g	g	g/100g	mg	mg/100g
EHOEE	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	1425	232	1.62	0.26	1.82	0.30	1.88	0.30	145.1	23.6
	S.D.	102	7	0.15	0.03	0.33	0.06	0.15	0.02	24.3	3.5
EHOEE	n	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	1380	238	1.38	0.24	1.59	0.27	1.66	0.29	154.4	26.7
	S.D.	106	28	0.16	0.03	0.16	0.03	0.14	0.04	40.3	7.3
				T2 *				T2 *			

AB : Absolute weight, RE : Relative weight by body weight
LABC: Levator ani and bulbocavernosus muscle
Significantly different from EHOEE 0 mg/kg : * P<0.05
T2 : Student t-test (two-side)
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 8 - 7 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Organ weight Stage : End of recovery

Sex : Male Species : Rat

Test article		Glans penis	
		AB	RE
Dose		mg	mg/100g
EHOEE	n	5	5
0 mg/kg	Mean	103.1	16.8
	S.D.	9.1	2.3
EHOEE	n	5	5
1000 mg/kg	Mean	114.9	19.9
	S.D.	9.9	3.2

AB : Absolute weight, RE : Relative weight by body weight
Not significantly different from EHOEE 0 mg/kg
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 8 - 8 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Organ weight Stage : End of recovery (non-mating group)

Sex : Female Species : Rat

Test article		Body weight	Brain		Thyroid-RL		Adrenal-RL		Thymus	
			AB	RE	AB	RE	AB	RE	AB	RE
Dose		g	g	g/100g	mg	mg/100g	mg	mg/100g	mg	mg/100g
EHOEE	n	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	299	2.01	0.67	17.7	6.0	70	23.4	275	91
	S.D.	11	0.09	0.05	3.9	1.4	6	1.5	60	17
EHOEE	n	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	301	2.03	0.67	17.3	5.7	69	23.1	289	96
	S.D.	14	0.08	0.03	2.7	0.9	7	3.1	52	20

Test article		Spleen		Heart		Liver		Kidney-RL		Ovary-RL	
		AB	RE	AB	RE	AB	RE	AB	RE	AB	RE
Dose		g	g/100g	g	g/100g	g	g/100g	g	g/100g	mg	mg/100g
EHOEE	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	0.48	0.16	0.92	0.31	7.33	2.46	1.90	0.63	82.4	27.6
	S.D.	0.05	0.01	0.05	0.02	0.28	0.06	0.05	0.03	8.6	2.6
EHOEE	n	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	0.55	0.18	1.00	0.33	7.49	2.49	1.94	0.64	88.9	29.5
	S.D.	0.06	0.03	0.13	0.05	0.43	0.19	0.11	0.02	12.8	3.6

Test article		Uterus	
		AB	RE
Dose		mg	mg/100g
EHOEE	n	5	5
0 mg/kg	Mean	557	187
	S.D.	76	25
EHOEE	n	5	5
1000 mg/kg	Mean	622	206
	S.D.	163	50

AB : Absolute weight, RE : Relative weight by body weight
Not significantly different from EHOEE 0 mg/kg
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 9-1 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats
Gross pathological findings (End of dosing period)

Organs	Sex:	M	M	M	M
	Dose(mg/kg):	0	100	300	1000
Findings	Number:	7	12	12	7
Liver					
Large		0	0	0	1
Testis					
Small		0	0	0	1

M : Male

Table 9-2 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats
Gross pathological findings (End of dosing period)

Organs	Sex:	F	F
	Dose(mg/kg):	0	1000
Findings	Number:	5	5
All tissues			
Not remarkable		5	5

F : Female

Table 9-3 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats
Gross pathological findings (End of administration,Dams)

Organs	Sex:	F	F	F	F
	Dose(mg/kg):	0	100	300	1000
Findings	Number:	11	12	12	12
Lung(bronchus)					
Focus,dark red		0	0	1	0
Stomach					
Focus,raised,forestomach		0	0	1	0
Thyroid					
Small		0	0	1	0

F : Female

Table 9-4 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats
Gross pathological findings (End of recovery period)

Organs	Sex:	M	M
	Dose(mg/kg):	0	1000
Findings	Number:	5	5
Kidney			
Dilatation,pelvis		1	0

M : Male

Table 9-5 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats
Gross pathological findings (End of recovery period)

Organs	Sex:	F	F
	Dose(mg/kg):	0	1000
Findings	Number:	5	5
All tissues			
Not remarkable		5	5

F : Female

Table 9-6 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats
Gross pathological findings (Undelivered)

Organs	Sex:	F
	Dose(mg/kg):	0
Findings	Number:	1
All tissues		
Not remarkable		1

F : Female

Table 10-1 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats
Histopathological findings (End of dosing period)

Organs	Sex:	M	M	M	M
	Dose(mg/kg):	0	100	300	1000
Findings	Number:	7	12	12	7
Adrenal					
Number examined		6	0	0	5
Not remarkable		6	0	0	5
Brain(cerebrum,cerebellum,pons					
Number examined		6	0	0	5
Not remarkable		6	0	0	5
Bone marrow,femur					
Number examined		6	0	0	5
Not remarkable		6	0	0	5
Bone,femur					
Number examined		6	0	0	5
Not remarkable		6	0	0	5
Coagulating gland					
Number examined		6	0	0	5
Not remarkable		6	0	0	5
Epididymis					
Number examined		6	0	0	5
Not remarkable		6	0	0	4
Cell debris,lumen		0	0	0	1
minimal		0	0	0	1
Eye					
Number examined		6	0	0	5
Not remarkable		6	0	0	5
Heart					
Number examined		6	0	0	5
Not remarkable		4	0	0	5
Infiltrate,inflammatory cell		2	0	0	0
minimal		2	0	0	0
Intestine,cecum					
Number examined		6	0	0	5
Not remarkable		6	0	0	5
Intestine,colon					
Number examined		6	0	0	5
Not remarkable		6	0	0	5
Intestine,duodenum					
Number examined		6	0	0	5
Not remarkable		6	0	0	5
Intestine,ileum					
Number examined		6	0	0	5
Not remarkable		6	0	0	5
Intestine,jejunum					
Number examined		6	0	0	5
Not remarkable		6	0	0	5

M : Male

Table 10-2 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats
Histopathological findings (End of dosing period)

Organs	Sex:	M	M	M	M
	Dose(mg/kg):	0	100	300	1000
Findings	Number:	7	12	12	7
Intestine,rectum					
Number examined		6	0	0	5
Not remarkable		6	0	0	5
Kidney					
Number examined		6	0	0	5
Not remarkable		6	0	0	4
Fibrosis,interstitial		0	0	0	1
minimal		0	0	0	1
Liver					
Number examined		6	5	5	5
Not remarkable		6	5	5	2
Hypertrophy,hepatocyte,centrilobular		0	0	0	3
mild		0	0	0	3
Lung(bronchus)					
Number examined		6	0	0	5
Not remarkable		6	0	0	5
Lymph node,mesenteric					
Number examined		6	0	0	5
Not remarkable		6	0	0	5
Lymph node,submandibular					
Number examined		6	0	0	5
Not remarkable		6	0	0	5
Mammary gland,inguinal					
Number examined		6	0	0	5
Not remarkable		6	0	0	5
Medulla oblongata					
Number examined		6	0	0	5
Not remarkable		6	0	0	5
Muscle,quadriceps femoris					
Number examined		6	0	0	5
Not remarkable		6	0	0	5
Optic nerve					
Number examined		6	0	0	5
Not remarkable		6	0	0	5
Pancreas					
Number examined		6	0	0	5
Not remarkable		6	0	0	5
Parathyroid					
Number examined		6	0	0	5
Not remarkable		6	0	0	5
Peyer's patch,ileal					
Number examined		6	0	0	5
Not remarkable		6	0	0	5

M : Male

Table 10-3 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats
Histopathological findings (End of dosing period)

Organs	Sex:	M	M	M	M
	Dose(mg/kg):	0	100	300	1000
Findings	Number:	7	12	12	7
Pituitary					
Number examined		6	0	0	5
Not remarkable		5	0	0	5
Aberrant craniopharyngeal tissue		1	0	0	0
mild		1	0	0	0
Prostate					
Number examined		6	0	0	5
Not remarkable		5	0	0	5
Infiltrate,inflammatory cell,interstitum		1	0	0	0
minimal		1	0	0	0
Salivary gland,submandibular					
Number examined		6	0	0	5
Not remarkable		6	0	0	5
Sciatic nerve					
Number examined		6	0	0	5
Not remarkable		6	0	0	5
Seminal vesicle					
Number examined		6	0	0	5
Not remarkable		6	0	0	5
Skin,inguinal					
Number examined		6	0	0	5
Not remarkable		6	0	0	5
Spinal cord,thoracic					
Number examined		6	0	0	5
Not remarkable		6	0	0	5
Spleen					
Number examined		6	0	0	5
Not remarkable		6	0	0	5
Stomach					
Number examined		6	0	0	5
Not remarkable		6	0	0	5
Testis					
Number examined		6	0	0	5
Not remarkable		6	0	0	4
Atrophy,tubule		0	0	0	1
moderate		0	0	0	1
Thymus					
Number examined		6	0	0	5
Not remarkable		6	0	0	5
Thyroid					
Number examined		6	0	0	5
Not remarkable		6	0	0	5
Trachea					
Number examined		6	0	0	5
Not remarkable		6	0	0	5

M : Male

Table 10-4 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats
Histopathological findings (End of dosing period)

Organs	Sex:	M	M	M	M
	Dose(mg/kg):	0	100	300	1000
Findings	Number:	7	12	12	7
Urinary bladder					
Number examined		6	0	0	5
Not remarkable		6	0	0	5

M : Male

Table 10-5 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats
Histopathological findings (End of dosing period)

Organs	Sex:	F	F
	Dose(mg/kg):	0	1000
Findings	Number:	5	5
Adrenal			
Number examined		5	5
Not remarkable		5	5
Brain(cerebrum,cerebellum,pons			
Number examined		5	5
Not remarkable		5	5
Bone marrow,femur			
Number examined		5	5
Not remarkable		5	5
Bone,femur			
Number examined		5	5
Not remarkable		5	5
Eye			
Number examined		5	5
Not remarkable		5	5
Heart			
Number examined		5	5
Not remarkable		5	5
Intestine,cecum			
Number examined		5	5
Not remarkable		5	5
Intestine,colon			
Number examined		5	5
Not remarkable		5	5
Intestine,duodenum			
Number examined		5	5
Not remarkable		5	5
Intestine,ileum			
Number examined		5	5
Not remarkable		5	5
Intestine,jejunum			
Number examined		5	5
Not remarkable		5	5
Intestine,rectum			
Number examined		5	5
Not remarkable		5	5
Kidney			
Number examined		5	5
Not remarkable		5	5
Liver			
Number examined		5	5
Not remarkable		5	0
Hypertrophy,hepatocyte,centrilobular		0	5
minimal		0	5

F : Female

Table 10-6 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats
Histopathological findings (End of dosing period)

Organs	Sex:	F	F
	Dose(mg/kg):	0	1000
Findings	Number:	5	5
Lung(bronchus)			
Number examined		5	5
Not remarkable		5	5
Lymph node,mesenteric			
Number examined		5	5
Not remarkable		5	5
Lymph node,submandibular			
Number examined		5	5
Not remarkable		5	5
Mammary gland,inguinal			
Number examined		5	5
Not remarkable		5	5
Medulla oblongata			
Number examined		5	5
Not remarkable		5	5
Muscle,quadriceps femoris			
Number examined		5	5
Not remarkable		5	5
Optic nerve			
Number examined		5	5
Not remarkable		5	5
Ovary			
Number examined		5	5
Not remarkable		5	5
Pancreas			
Number examined		5	5
Not remarkable		5	5
Parathyroid			
Number examined		5	5
Not remarkable		5	5
Peyer's patch,ileal			
Number examined		5	5
Not remarkable		5	5
Pituitary			
Number examined		5	5
Not remarkable		5	5
Salivary gland,submandibular			
Number examined		5	5
Not remarkable		5	5
Sciatic nerve			
Number examined		5	5
Not remarkable		5	5

F : Female

Table 10-7 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats
Histopathological findings (End of dosing period)

Organs	Sex:	F	F
	Dose(mg/kg):	0	1000
Findings	Number:	5	5
Skin,inguinal			
Number examined		5	5
Not remarkable		5	5
Spinal cord,thoracic			
Number examined		5	5
Not remarkable		5	5
Spleen			
Number examined		5	5
Not remarkable		5	5
Stomach			
Number examined		5	5
Not remarkable		5	5
Thymus			
Number examined		5	5
Not remarkable		5	5
Thyroid			
Number examined		5	5
Not remarkable		5	5
Trachea			
Number examined		5	5
Not remarkable		5	5
Urinary bladder			
Number examined		5	5
Not remarkable		5	5
Uterus			
Number examined		5	5
Not remarkable		5	5
Vagina			
Number examined		5	5
Not remarkable		5	5

F : Female

Table 10-8 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats
Histopathological findings (End of administration,Dams)

Organs	Sex:	F	F	F	F
	Dose(mg/kg):	0	100	300	1000
Findings	Number:	11	12	12	12
Adrenal					
Number examined		5	0	0	5
Not remarkable		5	0	0	5
Brain(cerebrum,cerebellum,pons					
Number examined		5	0	0	5
Not remarkable		5	0	0	5
Bone marrow,femur					
Number examined		5	0	0	5
Not remarkable		5	0	0	5
Bone,femur					
Number examined		5	0	0	5
Not remarkable		5	0	0	5
Eye					
Number examined		5	0	0	5
Not remarkable		5	0	0	5
Heart					
Number examined		5	0	0	5
Not remarkable		5	0	0	5
Intestine,cecum					
Number examined		5	0	0	5
Not remarkable		5	0	0	5
Intestine,colon					
Number examined		5	0	0	5
Not remarkable		5	0	0	5
Intestine,duodenum					
Number examined		5	0	0	5
Not remarkable		5	0	0	5
Intestine,ileum					
Number examined		5	0	0	5
Not remarkable		5	0	0	5
Intestine,jejunum					
Number examined		5	0	0	5
Not remarkable		5	0	0	5
Intestine,rectum					
Number examined		5	0	0	5
Not remarkable		5	0	0	5
Kidney					
Number examined		5	0	0	5
Not remarkable		5	0	0	5
Liver					
Number examined		5	5	5	5
Not remarkable		5	5	5	0
Hypertrophy,hepatocyte,centrilobular		0	0	0	5
minimal		0	0	0	2
mild		0	0	0	3

F : Female

Table 10-9 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats
Histopathological findings (End of administration,Dams)

Organs	Sex:	F	F	F	F
	Dose(mg/kg):	0	100	300	1000
Findings	Number:	11	12	12	12
Lung(bronchus)					
Number examined		5	0	0	5
Not remarkable		5	0	0	5
Lymph node,mesenteric					
Number examined		5	0	0	5
Not remarkable		5	0	0	5
Lymph node,submandibular					
Number examined		5	0	0	5
Not remarkable		5	0	0	5
Mammary gland,inguinal					
Number examined		5	0	0	5
Not remarkable		5	0	0	5
Medulla oblongata					
Number examined		5	0	0	5
Not remarkable		5	0	0	5
Muscle,quadriceps femoris					
Number examined		5	0	0	5
Not remarkable		5	0	0	5
Optic nerve					
Number examined		5	0	0	5
Not remarkable		5	0	0	5
Ovary					
Number examined		5	0	0	5
Not remarkable		5	0	0	5
Pancreas					
Number examined		5	0	0	5
Not remarkable		5	0	0	5
Parathyroid					
Number examined		5	0	0	5
Not remarkable		5	0	0	5
Peyer's patch,ileal					
Number examined		5	0	0	5
Not remarkable		5	0	0	5
Pituitary					
Number examined		5	0	0	5
Not remarkable		5	0	0	4
Cyst,pars distalis		0	0	0	1
minimal		0	0	0	1
Salivary gland,submandibular					
Number examined		5	0	0	5
Not remarkable		5	0	0	5

F : Female

Table 10-10 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats
Histopathological findings (End of administration,Dams)

Organs	Sex:	F	F	F	F
	Dose(mg/kg):	0	100	300	1000
Findings	Number:	11	12	12	12
Sciatic nerve					
Number examined		5	0	0	5
Not remarkable		5	0	0	5
Skin,inguinal					
Number examined		5	0	0	5
Not remarkable		5	0	0	5
Spinal cord,thoracic					
Number examined		5	0	0	5
Not remarkable		5	0	0	5
Spleen					
Number examined		5	0	0	5
Not remarkable		5	0	0	5
Stomach					
Number examined		5	0	0	5
Not remarkable		5	0	0	5
Thymus					
Number examined		5	0	0	5
Not remarkable		5	0	0	5
Thyroid					
Number examined		5	0	0	5
Not remarkable		5	0	0	5
Trachea					
Number examined		5	0	0	5
Not remarkable		5	0	0	5
Urinary bladder					
Number examined		5	0	0	5
Not remarkable		5	0	0	5
Uterus					
Number examined		5	0	0	5
Not remarkable		5	0	0	5
Vagina					
Number examined		5	0	0	5
Not remarkable		5	0	0	5

F : Female

Table 10-11 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats
Histopathological findings (End of recovery period)

Organs	Sex:	M	M
	Dose(mg/kg):	0	1000
Findings	Number:	5	5
Adrenal			
Number examined		5	5
Not remarkable		5	5
Brain(cerebrum,cerebellum,pons			
Number examined		5	5
Not remarkable		5	5
Bone marrow,femur			
Number examined		5	5
Not remarkable		5	5
Bone,femur			
Number examined		5	5
Not remarkable		5	5
Coagulating gland			
Number examined		5	5
Not remarkable		5	5
Epididymis			
Number examined		5	5
Not remarkable		5	5
Eye			
Number examined		5	5
Not remarkable		5	5
Heart			
Number examined		5	5
Not remarkable		4	4
Infiltrate,inflammatory cell		1	1
minimal		1	1
Intestine,cecum			
Number examined		5	5
Not remarkable		5	5
Intestine,colon			
Number examined		5	5
Not remarkable		5	5
Intestine,duodenum			
Number examined		5	5
Not remarkable		5	5
Intestine,ileum			
Number examined		5	5
Not remarkable		5	5
Intestine,jejunum			
Number examined		5	5
Not remarkable		5	5
Intestine,rectum			
Number examined		5	5
Not remarkable		5	5

M : Male

Table 10-12 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats
Histopathological findings (End of recovery period)

Organs	Sex:	M	M
	Dose(mg/kg):	0	1000
Findings	Number:	5	5
Kidney			
Number examined		5	5
Not remarkable		3	5
Dilatation,pelvis		1	0
mild		1	0
Cyst		1	0
minimal		1	0
Liver			
Number examined		5	5
Not remarkable		5	5
Lung(bronchus)			
Number examined		5	5
Not remarkable		5	5
Lymph node,mesenteric			
Number examined		5	5
Not remarkable		5	5
Lymph node,submandibular			
Number examined		5	5
Not remarkable		5	5
Mammary gland,inguinal			
Number examined		5	5
Not remarkable		5	5
Medulla oblongata			
Number examined		5	5
Not remarkable		5	5
Muscle,quadriceps femoris			
Number examined		5	5
Not remarkable		5	5
Optic nerve			
Number examined		5	5
Not remarkable		5	5
Pancreas			
Number examined		5	5
Not remarkable		4	5
Focus,basophilic,acinar cell		1	0
minimal		1	0
Parathyroid			
Number examined		5	5
Not remarkable		5	5
Peyer's patch,ileal			
Number examined		5	5
Not remarkable		5	5
Pituitary			
Number examined		5	5
Not remarkable		5	4

M : Male

Table 10-13 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats
Histopathological findings (End of recovery period)

Organs	Sex:	M	M
	Dose(mg/kg):	0	1000
Findings	Number:	5	5
Pituitary (continued)			
Cyst,pars distalis		0	1
minimal		0	1
Prostate			
Number examined		5	5
Not remarkable		4	3
Infiltrate,inflammatory cell,interstitum		1	2
minimal		1	2
Salivary gland,submandibular			
Number examined		5	5
Not remarkable		5	5
Sciatic nerve			
Number examined		5	5
Not remarkable		5	5
Seminal vesicle			
Number examined		5	5
Not remarkable		5	5
Skin,inguinal			
Number examined		5	5
Not remarkable		5	5
Spinal cord,thoracic			
Number examined		5	5
Not remarkable		5	5
Spleen			
Number examined		5	5
Not remarkable		5	5
Stomach			
Number examined		5	5
Not remarkable		5	4
Erosion,glandular stomach		0	1
minimal		0	1
Testis			
Number examined		5	5
Not remarkable		5	5
Thymus			
Number examined		5	5
Not remarkable		5	5
Thyroid			
Number examined		5	5
Not remarkable		5	5
Trachea			
Number examined		5	5
Not remarkable		5	5

M : Male

Table 10-14 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats
Histopathological findings (End of recovery period)

Organs	Sex:	M	M
	Dose(mg/kg):	0	1000
Findings	Number:	5	5
Urinary bladder			
Number examined		5	5
Not remarkable		5	5

M : Male

Table 10-15 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats
Histopathological findings (End of recovery period)

Organs	Sex:	F	F
	Dose(mg/kg):	0	1000
Findings	Number:	5	5
Adrenal			
Number examined		5	5
Not remarkable		5	5
Brain(cerebrum,cerebellum,pons			
Number examined		5	5
Not remarkable		5	5
Bone marrow,femur			
Number examined		5	5
Not remarkable		5	5
Bone,femur			
Number examined		5	5
Not remarkable		5	5
Eye			
Number examined		5	5
Not remarkable		5	5
Heart			
Number examined		5	5
Not remarkable		5	5
Intestine,cecum			
Number examined		5	5
Not remarkable		5	4
Infiltrate,inflammatory cell,mucosa		0	1
minimal		0	1
Intestine,colon			
Number examined		5	5
Not remarkable		5	5
Intestine,duodenum			
Number examined		5	5
Not remarkable		5	5
Intestine,ileum			
Number examined		5	5
Not remarkable		5	5
Intestine,jejunum			
Number examined		5	5
Not remarkable		5	5
Intestine,rectum			
Number examined		5	5
Not remarkable		5	5
Kidney			
Number examined		5	5
Not remarkable		5	5
Liver			
Number examined		5	5
Not remarkable		5	5

F : Female

Table 10-16 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats
Histopathological findings (End of recovery period)

Organs	Sex:	F	F
	Dose(mg/kg):	0	1000
Findings	Number:	5	5
Lung(bronchus)			
Number examined		5	5
Not remarkable		5	5
Lymph node,mesenteric			
Number examined		5	5
Not remarkable		5	5
Lymph node,submandibular			
Number examined		5	5
Not remarkable		5	5
Mammary gland,inguinal			
Number examined		5	5
Not remarkable		5	5
Medulla oblongata			
Number examined		5	5
Not remarkable		5	5
Muscle,quadriceps femoris			
Number examined		5	5
Not remarkable		5	5
Optic nerve			
Number examined		5	5
Not remarkable		5	5
Ovary			
Number examined		5	5
Not remarkable		5	5
Pancreas			
Number examined		5	5
Not remarkable		5	5
Parathyroid			
Number examined		5	5
Not remarkable		5	5
Peyer's patch,ileal			
Number examined		5	5
Not remarkable		5	5
Pituitary			
Number examined		5	5
Not remarkable		5	5
Salivary gland,submandibular			
Number examined		5	5
Not remarkable		5	5
Sciatic nerve			
Number examined		5	5
Not remarkable		5	5

F : Female

Table 10-17 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats
Histopathological findings (End of recovery period)

Organs	Sex:	F	F
	Dose(mg/kg):	0	1000
Findings	Number:	5	5
Skin,inguinal			
Number examined		5	5
Not remarkable		5	5
Spinal cord,thoracic			
Number examined		5	5
Not remarkable		5	5
Spleen			
Number examined		5	5
Not remarkable		5	5
Stomach			
Number examined		5	5
Not remarkable		5	5
Thymus			
Number examined		5	5
Not remarkable		5	5
Thyroid			
Number examined		5	5
Not remarkable		5	5
Trachea			
Number examined		5	5
Not remarkable		5	5
Urinary bladder			
Number examined		5	5
Not remarkable		5	5
Uterus			
Number examined		5	5
Not remarkable		5	5
Vagina			
Number examined		5	5
Not remarkable		5	5

F : Female

Table 10-18 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats
Histopathological findings (Undelivered)

Organs	Sex:	F
	Dose(mg/kg):	0
Findings	Number:	1
Adrenal		
Number examined		1
Not remarkable		1
Brain(cerebrum,cerebellum,pons		
Number examined		1
Not remarkable		1
Bone marrow,femur		
Number examined		1
Not remarkable		1
Bone,femur		
Number examined		1
Not remarkable		1
Eye		
Number examined		1
Not remarkable		1
Heart		
Number examined		1
Not remarkable		1
Intestine,cecum		
Number examined		1
Not remarkable		1
Intestine,colon		
Number examined		1
Not remarkable		1
Intestine,duodenum		
Number examined		1
Not remarkable		1
Intestine,ileum		
Number examined		1
Not remarkable		1
Intestine,jejunum		
Number examined		1
Not remarkable		1
Intestine,rectum		
Number examined		1
Not remarkable		1
Kidney		
Number examined		1
Not remarkable		1
Liver		
Number examined		1
Not remarkable		1

F : Female

Table 10-19 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats
Histopathological findings (Undelivered)

Organs	Sex:	F
	Dose(mg/kg):	0
Findings	Number:	1
Lung(bronchus)		
Number examined		1
Not remarkable		1
Lymph node,mesenteric		
Number examined		1
Not remarkable		1
Lymph node,submandibular		
Number examined		1
Not remarkable		1
Mammary gland,inguinal		
Number examined		1
Not remarkable		1
Medulla oblongata		
Number examined		1
Not remarkable		1
Muscle,quadriceps femoris		
Number examined		1
Not remarkable		1
Optic nerve		
Number examined		1
Not remarkable		1
Ovary		
Number examined		1
Not remarkable		1
Pancreas		
Number examined		1
Not remarkable		1
Parathyroid		
Number examined		1
Not remarkable		1
Peyer's patch,ileal		
Number examined		1
Not remarkable		1
Pituitary		
Number examined		1
Aberrant craniopharyngeal tissue		1
mild		1
Salivary gland,submandibular		
Number examined		1
Not remarkable		1
Sciatic nerve		
Number examined		1
Not remarkable		1

F : Female

Table 10-20 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats
Histopathological findings (Undelivered)

Organs	Sex:	F
	Dose(mg/kg):	0
Findings	Number:	1
Skin,inguinal		
Number examined		1
Not remarkable		1
Spinal cord,thoracic		
Number examined		1
Not remarkable		1
Spleen		
Number examined		1
Not remarkable		1
Stomach		
Number examined		1
Not remarkable		1
Thymus		
Number examined		1
Not remarkable		1
Thyroid		
Number examined		1
Not remarkable		1
Trachea		
Number examined		1
Not remarkable		1
Urinary bladder		
Number examined		1
Not remarkable		1
Uterus		
Number examined		1
Not remarkable		1
Vagina		
Number examined		1
Infiltrate,inflammatory cell,submucosa		1
minimal		1

F : Female

Table 11 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Estrus cycles

Generation : F0 Species : Rat

Test article Dose		/Before mating Mean estrous cycle (Days)	Number of estrus	Number of animals with abnormal estrous cycle	Abnormal estrous cycle index (%)
EHOEE	n	12	12	12	
0 mg/kg				(0)	0.0
	Mean	4.0	3.8		
	S.D.	0.1	0.4		
EHOEE	n	12	12	12	
100 mg/kg				(0)	0.0
	Mean	4.1	3.8		
	S.D.	0.2	0.4		
EHOEE	n	12	12	12	
300 mg/kg				(0)	0.0
	Mean	4.1	3.6		
	S.D.	0.3	0.5		
EHOEE	n	12	12	12	
1000 mg/kg				(0)	0.0
	Mean	4.0	3.4		
	S.D.	0.1	0.5		

() : Values in brackets represent number of animals with abnormal estrous cycle.
Abnormal estrous cycle index = (Number of animals with abnormal estrous cycle / Number of animals examined)×100
Not significantly different from EHOEE 0 mg/kg
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Table 12 - 1 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Reproductive performance

Generation : F0 Sex : Male Species : Rat

Test article Dose		Number of pairs	Elapsed day of conceiving	1st mating Copulation index (%) a)	1st mating Fertility index (%) b)
EHOEE	n	12	12	(12/12)	(11/12)
0 mg/kg	Mean		2.8	100.0	91.7
	S.D.		1.3		
EHOEE	n	12	12	(12/12)	(12/12)
100 mg/kg	Mean		3.3	100.0	100.0
	S.D.		1.0		
EHOEE	n	12	12	(12/12)	(12/12)
300 mg/kg	Mean		2.1	100.0	100.0
	S.D.		1.0		
EHOEE	n	12	12	(12/12)	(12/12)
1000 mg/kg	Mean		2.2	100.0	100.0
	S.D.		1.1		

Not significantly different from EHOEE 0 mg/kg

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

n: Number of animals

a): (Number of copulated animals / Number of mated animals)x 100

b): (Number of males which impregnated females / Number of copulated males)x 100

Table 12 - 2 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Reproductive performance

Generation : F0 Sex : Female Species : Rat

Test article Dose		Number of pairs	Elapsed day of conceiving	1st mating Copulation index (%) a)	1st mating Fertility index (%) b)
EHOEE	n	12	12	(12/12)	(11/12)
0 mg/kg	Mean		2.8	100.0	91.7
	S.D.		1.3		
EHOEE	n	12	12	(12/12)	(12/12)
100 mg/kg	Mean		3.3	100.0	100.0
	S.D.		1.0		
EHOEE	n	12	12	(12/12)	(12/12)
300 mg/kg	Mean		2.1	100.0	100.0
	S.D.		1.0		
EHOEE	n	12	12	(12/12)	(12/12)
1000 mg/kg	Mean		2.2	100.0	100.0
	S.D.		1.1		

Not significantly different from EHOEE 0 mg/kg
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals
a): (Number of copulated animals / Number of mated animals)x 100
b): (Number of pregnant females / Number of copulated females)x 100

Table 13 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Delivery data

Generation : F0 Species : Rat

Test article Dose		Gestation period (day)	Gestation index (%) a)	Number of implan-tation	Delivery index (%) b)	Live birth index (%) c)	Number of offspring	Number of live newborns M	F	Total	Sex ratio (%) d)	Number of dead newborns
EHOEE	n	11	11/11	11	11	11	11	11	11	11	78/145	11
0 mg/kg	Mean	22.2	100.0	14.0	96.2	98.9	13.4	7.1	6.1	13.2	53.8	0.2
	S.D.	0.4		4.7	5.1	2.5	4.3	3.4	2.7	4.2		0.4
EHOEE	n	12	12/12	12	12	12	12	12	12	12	82/174	12
100 mg/kg	Mean	22.1	100.0	15.5	94.8	98.4	14.8	6.8	7.7	14.5	47.1	0.3
	S.D.	0.4		3.6	5.2	4.0	3.5	2.9	1.9	3.5		0.6
EHOEE	n	12	12/12	12	12	12	12	12	12	12	92/178	12
300 mg/kg	Mean	22.1	100.0	16.3	93.2	97.3	15.3	7.7	7.2	14.8	51.7	0.4
	S.D.	0.2		1.3	5.6	5.3	1.9	2.3	2.7	1.9		0.8
EHOEE	n	12	12/12	12	12	12	12	12	12	12	82/162	12
1000 mg/kg	Mean	22.4	100.0	15.5	89.9	97.4	13.9	6.8	6.7	13.5	50.6	0.4
	S.D.	0.5		3.2	11.9	5.9	3.4	2.9	2.1	3.3		0.9

M : Male, F : Female
Not significantly different from EHOEE 0 mg/kg
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams
a): (Number of females delivered live newborns / Number of pregnant females) x 100
b): (Number of delivered pups / Number of implantation) x 100
c): (Number of liveborns / Number of delivered pups) x 100
d): (Number of live males / Number of liveborns) x 100

Table 14 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

External examination of offspring

Generation : F0

Study No. : R-1270

Days after birth : 0

Species : Rat

		EHOEE	EHOEE	EHOEE	EHOEE
Test article					
Dose		0	100	300	1000
Dose unit		mg/kg	mg/kg	mg/kg	mg/kg
Number of dams		11	12	12	12
Number of offspring		147	177	183	167
Number of dams with anomalous offspring (incidence %) a)		1(9.1)	0(0.0)	1(8.3)	0(0.0)
Number of offspring with any anomaly (incidence %) b)		1(0.8)	0(0.0)	1(0.5)	0(0.0)
Cleft lip	n	1(1)	0(0)	0(0)	0(0)
	Mean	0.8			
	S.D.	2.5			
Kinked tail	n	0(0)	0(0)	1(1)	0(0)
	Mean			0.5	
	S.D.			1.8	

n : Number of anomalous offspring (number of dams with anomalous offspring)
Mean : Number of anomalous offspring / Number of offspring examined x 100(%), on litter basis
Not significantly different from EHOEE 0 mg/kg
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
a): (Number of dams bearing pups with external anomalies / Number of dams) x 100
b): (Number of pups with external anomalies / Number of delivered pups) x 100

Table 15 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Anogenital of offspring

Generation : F0 Unit : mm Species : Rat

Dose Test article	Sex		/Days after birth 0 AGD	 Normalized a) AGD
EHOEE 0 mg/kg	Male	n	11	11
		Mean	2.4	1.3
		S.D.	0.1	0.1
	Female	n	11	11
		Mean	0.9	0.5
		S.D.	0.1	0.1
EHOEE 100 mg/kg	Male	n	12	12
		Mean	2.4	1.3
		S.D.	0.1	0.0
	Female	n	12	12
		Mean	0.9	0.5
		S.D.	0.1	0.0
EHOEE 300 mg/kg	Male	n	12	12
		Mean	2.3	1.2
		S.D.	0.1	0.1
	Female	n	12	12
		Mean	0.8	0.5
		S.D.	0.1	0.1
EHOEE 1000 mg/kg	Male	n	12	12
		Mean	2.5	1.3
		S.D.	0.2	0.1
	Female	n	12	12
		Mean	0.9	0.5
		S.D.	0.1	0.1

AGD : Anogenital Distance
Not significantly different from EHOEE 0 mg/kg
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams
a): AGD (mm) / Cube root of body weight (g)

Table 16 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Litter size and viability index of offspring

Generation : F0 Species : Rat

Test article Dose	/Days after birth	0	4 Pre-culled	4 Viability index (%) a)	4 Culled	13	13 Viability index (%) b)
EHOEE	Total	145	142		83	82	
0 mg/kg	n	11	11	11	11	11	11
	Mean			98.1			98.9
	S.D.			3.3			3.8
EHOEE	Total	174	171		95	95	
100 mg/kg	n	12	12	12	12	12	12
	Mean			98.2			100.0
	S.D.			4.6			0.0
EHOEE	Total	178	174		96	96	
300 mg/kg	n	12	12	12	12	12	12
	Mean			97.9			100.0
	S.D.			3.0			0.0
EHOEE	Total	162	146		95	95	
1000 mg/kg	n	12	12	12	12	12	12
	Mean			91.8			100.0
	S.D.			15.4			0.0

Not significantly different from EHOEE 0 mg/kg
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams
a): (Number of pups alive on day 4 after birth / Number of live born pups) × 100
b): (Number of pups alive on day 13 after birth / Number of pups after culling on day 4 after birth) × 100

Table 17 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Sex ratio

Generation : F0 Species : Rat

Test article Dose	Number of dams		day 4 after birth Number of males	Number of females	Sex ratio (%) a)
EHOEE 0 mg/kg	11	Total	77	65	77/142
		(%)			54.2
EHOEE 100 mg/kg	12	Total	81	90	81/171
		(%)			47.4
EHOEE 300 mg/kg	12	Total	92	82	92/174
		(%)			52.9
EHOEE 1000 mg/kg	12	Total	72	74	72/146
		(%)			49.3

Not significantly different from EHOEE 0 mg/kg

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

a): (Number of male pups alive on day 4 after birth / Number of pups alive on day 4 after birth) × 100

Table 18 - 1 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Body weight of offspring

Generation : F0 Unit : g Species : Rat

Test article			/Days after birth				
Dose			0	4/Pre-culled	4/Culled	7	13
EHOEE	Male	n	11	11	11	11	11
0 mg/kg		Mean	6.7	10.5	10.8	17.5	33.3
		S.D.	0.7	0.7	0.8	1.1	2.2
	Female	n	11	11	11	11	11
		Mean	6.4	10.0	10.2	16.3	31.2
		S.D.	0.6	1.2	1.2	1.8	3.3
EHOEE	Male	n	12	12	12	12	12
100 mg/kg		Mean	6.6	10.4	10.6	17.6	33.8
		S.D.	0.6	1.4	1.3	2.1	2.9
	Female	n	12	12	12	12	12
		Mean	6.2	9.7	9.9	16.5	32.4
		S.D.	0.5	1.3	1.3	2.2	3.1
EHOEE	Male	n	12	12	12	12	12
300 mg/kg		Mean	6.6	10.5	10.9	17.7	33.5
		S.D.	0.4	1.4	1.3	2.3	3.6
	Female	n	12	12	12	12	12
		Mean	6.3	10.1	10.5	17.2	32.8
		S.D.	0.4	1.3	1.4	2.2	2.9
EHOEE	Male	n	12	12	12	12	12
1000 mg/kg		Mean	6.6	10.9	11.0	18.0	33.8
		S.D.	0.6	2.2	2.2	3.0	3.6
	Female	n	12	12	12	12	12
		Mean	6.1	10.2	10.3	17.0	32.3
		S.D.	0.5	2.1	2.1	2.9	3.6

Not significantly different from EHOEE 0 mg/kg

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

n: Number of dams

Table 18 - 2

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Study No. : R-1270

Body weight gain of offspring

Base : Day 4 after birth

Generation : F0

Unit : g

Species : Rat

Test article Dose			/Days after birth /Before culling /After culling 0-4	4-7	4-13
EHOEE 0 mg/kg	Male	n	11	11	11
		Mean	3.7	6.7	22.5
		S.D.	0.6	0.6	1.9
	Female	n	11	11	11
		Mean	3.6	6.1	21.1
		S.D.	1.1	1.2	3.1
EHOEE 100 mg/kg	Male	n	12	12	12
		Mean	3.8	7.0	23.2
		S.D.	0.9	1.1	2.3
	Female	n	12	12	12
		Mean	3.5	6.6	22.5
		S.D.	0.9	1.2	2.3
EHOEE 300 mg/kg	Male	n	12	12	12
		Mean	3.9	6.9	22.7
		S.D.	1.0	1.2	2.6
	Female	n	12	12	12
		Mean	3.9	6.7	22.3
		S.D.	0.9	0.9	1.8
EHOEE 1000 mg/kg	Male	n	12	12	12
		Mean	4.3	7.0	22.8
		S.D.	1.9	1.1	2.2
	Female	n	12	12	12
		Mean	4.1	6.6	21.9
		S.D.	1.7	1.1	2.1

Not significantly different from EHOEE 0 mg/kg
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

Table 19 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats
Externally for gross abnormalities in dead pups

Study No. : R-1270

Species : Rat

Test article Dose	EHOEE 0 mg/kg	EHOEE 100 mg/kg	EHOEE 300 mg/kg	EHOEE 1000 mg/kg
Male				
Number of pups examined	2	1	0	6
Number of pups with abnormal findings	0	0	0	0
Female				
Number of pups examined	1	0	3	5
Number of pups with abnormal findings	0	0	0	0

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

Table 20 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Nipple retention of male pups

Generation : F0 Unit : No. Species : Rat

Test article			/Days after birth
Dose			13
EHOEE	Male	n	11
0 mg/kg		Mean	0.0
		S.D.	0.0
EHOEE	Male	n	12
100 mg/kg		Mean	0.0
		S.D.	0.0
EHOEE	Male	n	12
300 mg/kg		Mean	0.0
		S.D.	0.0
EHOEE	Male	n	12
1000 mg/kg		Mean	0.0
		S.D.	0.0

Not significantly different from EHOEE 0 mg/kg
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
Nipple retention: Number of nipple / areolae
n: Number of dams

Table 21 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats
Gross pathological findings in pups on postnatal day 13

Study No. : R-1270

Species : Rat

Test article Dose	EHOEE 0 mg/kg	EHOEE 100 mg/kg	EHOEE 300 mg/kg	EHOEE 1000 mg/kg
Male				
Number of pups examined	41	46	50	46
Number of pups with abnormal findings	0	0	0	0
Female				
Number of pups examined	41	49	46	49
Number of pups with abnormal findings	0	0	0	0

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

Table 22 - 1 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Organ weight Stage : After culled (F1 males)

Sex : Male Species : Rat

Test article Dose		Body weight g	Thyroid-RL AB mg	 RE mg/100g
EHOEE	n	11	11	11
0 mg/kg	Mean	34.2	4.1	12.1
	S.D.	1.8	0.6	2.1
EHOEE	n	12	12	12
100 mg/kg	Mean	34.6	3.9	11.1
	S.D.	2.8	0.9	2.5
EHOEE	n	12	12	12
300 mg/kg	Mean	34.2	4.0	11.8
	S.D.	4.0	0.7	1.8
EHOEE	n	12	12	12
1000 mg/kg	Mean	34.2	4.1	11.8
	S.D.	3.2	0.7	1.4

AB : Absolute weight, RE : Relative weight by body weight
Not significantly different from EHOEE 0 mg/kg
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of offspring

Table 22 - 2 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Organ weight Stage : After culled (F1 females)

Sex : Female Species : Rat

Test article		Body weight	Thyroid-RL	
			AB	RE
Dose		g	mg	mg/100g
EHOEE	n	11	11	11
0 mg/kg	Mean	32.0	3.5	11.0
	S.D.	4.2	0.9	2.9
EHOEE	n	12	12	12
100 mg/kg	Mean	32.7	4.0	12.2
	S.D.	2.9	0.7	2.4
EHOEE	n	12	12	12
300 mg/kg	Mean	33.7	4.0	11.8
	S.D.	3.1	1.1	2.8
EHOEE	n	12	12	12
1000 mg/kg	Mean	33.0	4.1	12.4
	S.D.	3.6	0.9	2.7

AB : Absolute weight, RE : Relative weight by body weight
Not significantly different from EHOEE 0 mg/kg
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of offspring

Appendix 1-1 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Clinical signs Period : F0 before mating Day 1-15, F0 mating Day 15-43

Sex : Male Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	/Day 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
1001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1003	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1004	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1006	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1007	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1008	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1009	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1010	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1011	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

-: No abnormal findings

Appendix 1-2 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Clinical signs Period : F0 before mating Day 1-15, F0 mating Day 15-43

Sex : Male Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	/Day 22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
1001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1003	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1004	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1006	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1007	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1008	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1009	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1010	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1011	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

-: No abnormal findings

Appendix 1-3 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Clinical signs Period : F0 before mating Day 1-15, F0 mating Day 15-43

Sex : Male Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	/Day 43 a)
1001	-
1002	-
1003	-
1004	-
1005	-
1006	-
1007	-
1008	
1009	
1010	
1011	
1012	

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

-: No abnormal findings

a): Day of necropsy

Appendix 1-4 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Clinical signs Period : F0 before mating Day 1-15, F0 mating Day 15-43

Sex : Male Dose : EHOEE 100 mg/kg Species : Rat

	/Day																				
Animal No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
2001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2003	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2004	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2006	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2007	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2008	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2009	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2011	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

-: No abnormal findings

Appendix 1-5 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Clinical signs Period : F0 before mating Day 1-15, F0 mating Day 15-43

Sex : Male Dose : EHOEE 100 mg/kg Species : Rat

Animal No.	/Day 22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
2001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2003	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2004	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2006	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2007	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2008	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2009	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2011	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

-: No abnormal findings

Appendix 1-6 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Clinical signs Period : F0 before mating Day 1-15, F0 mating Day 15-43

Sex : Male Dose : EHOEE 100 mg/kg Species : Rat

Animal No.	/Day 43 a)
2001	-
2002	-
2003	-
2004	-
2005	-
2006	-
2007	-
2008	-
2009	-
2010	-
2011	-
2012	-

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

-: No abnormal findings

a): Day of necropsy

Appendix 1-7 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Clinical signs Period : F0 before mating Day 1-15, F0 mating Day 15-43

Sex : Male Dose : EHOEE 300 mg/kg Species : Rat

Animal No.	/Day 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
3001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3003	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3004	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3006	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3007	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3008	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3009	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3010	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3011	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

-: No abnormal findings

Appendix 1-8 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Clinical signs Period : F0 before mating Day 1-15, F0 mating Day 15-43

Sex : Male Dose : EHOEE 300 mg/kg Species : Rat

Animal No.	/Day 22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
3001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3003	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3004	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3006	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3007	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3008	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3009	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3010	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3011	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

-: No abnormal findings

Appendix 1-9 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Clinical signs Period : F0 before mating Day 1-15, F0 mating Day 15-43

Sex : Male Dose : EHOEE 300 mg/kg Species : Rat

Animal No.	/Day 43 a)
3001	-
3002	-
3003	-
3004	-
3005	-
3006	-
3007	-
3008	-
3009	-
3010	-
3011	-
3012	-

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

-: No abnormal findings

a): Day of necropsy

Appendix 1-10 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Clinical signs Period : F0 before mating Day 1-15, F0 mating Day 15-43

Sex : Male Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	/Day 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
4001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4003	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4004	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4006	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4007	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4008	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4009	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4010	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4011	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

-: No abnormal findings

Appendix 1-11 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Clinical signs Period : F0 before mating Day 1-15, F0 mating Day 15-43

Sex : Male Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	/Day 22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
4001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4003	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4004	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4006	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4007	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4008	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4009	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4010	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4011	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

-: No abnormal findings

Appendix 1-12 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Clinical signs Period : F0 before mating Day 1-15, F0 mating Day 15-43

Sex : Male Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	/Day 43 a)
4001	-
4002	-
4003	-
4004	-
4005	-
4006	-
4007	-
4008	
4009	
4010	
4011	
4012	

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

-: No abnormal findings

a): Day of necropsy

Appendix 1-13 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Clinical signs Period : F0 before mating Day 1-15

Sex : Female Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	/Day 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1101	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1102	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1103	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1104	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1105	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1106	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1107	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1108	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1109	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1110	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1111	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1112	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

-: No abnormal findings

Appendix 1-14 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Clinical signs Period : F0 before mating Day 1-15

Sex : Female Dose : EHOEE 100 mg/kg Species : Rat

Animal No.	/Day 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
2101	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2102	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2103	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2104	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2105	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2106	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2107	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2108	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2109	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2110	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2111	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2112	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

-: No abnormal findings

Appendix 1-15 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Clinical signs Period : F0 before mating Day 1-15

Sex : Female Dose : EHOEE 300 mg/kg Species : Rat

Animal No.	/Day 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
3101	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3102	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3103	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3104	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3105	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3106	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3107	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3108	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3109	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3110	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3111	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3112	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

-: No abnormal findings

Appendix 1-16 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Clinical signs Period : F0 before mating Day 1-15

Sex : Female Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	/Day 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
4101	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4102	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4103	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4104	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4105	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4106	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4107	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4108	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4109	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4110	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4111	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4112	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

-: No abnormal findings

Appendix 1 - 17 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Clinical signs in dams Period : F0 gestation Day 0-25

Sex : Female Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	/Day 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
1101	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
1102	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
1103	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
1104	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
1105	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
1107	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
1108	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
1109	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
1110	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
1111	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
1112	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			

-: No abnormal findings

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

Appendix 1 - 18 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Clinical signs in dams Period : F0 gestation Day 0-25

Sex : Female Dose : EHOEE 100 mg/kg Species : Rat

Animal No.	/Day 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
2101	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
2102	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
2103	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
2104	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
2105	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
2106	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
2107	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
2108	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
2109	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
2110	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
2111	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
2112	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				

-: No abnormal findings

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

Appendix 1 - 19 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Clinical signs in dams Period : F0 gestation Day 0-25

Sex : Female Dose : EHOEE 300 mg/kg Species : Rat

Animal No.	/Day 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
3101	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
3102	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
3103	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
3104	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
3105	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
3106	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
3107	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
3108	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
3109	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
3110	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
3111	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
3112	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				

-: No abnormal findings

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

Appendix 1 - 20 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Clinical signs in dams Period : F0 gestation Day 0-25

Sex : Female Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	/Day 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
4101	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
4102	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
4103	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
4104	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
4105	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
4106	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
4107	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
4108	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
4109	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
4110	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
4111	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
4112	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			

-: No abnormal findings

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

Appendix 1-21 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Clinical signs in dams Period : F0 lactation Day 0-14

Sex : Female Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	/Day 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14 a)
1101	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1102		-	-	-	-	-	-	-	-	-	-	-	-	-	-
1103	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1104	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1105		-	-	-	-	-	-	-	-	-	-	-	-	-	-
1107		-	-	-	-	-	-	-	-	-	-	-	-	-	-
1108	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1109	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1110	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1111		-	-	-	-	-	-	-	-	-	-	-	-	-	-
1112		-	-	-	-	-	-	-	-	-	-	-	-	-	-

-: No abnormal findings

a): Day of necropsy

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

Appendix 1-22 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Clinical signs in dams Period : F0 lactation Day 0-14

Sex : Female Dose : EHOEE 100 mg/kg Species : Rat

Animal No.	/Day 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14 a)
2101	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2102	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2103		-	-	-	-	-	-	-	-	-	-	-	-	-	-
2104		-	-	-	-	-	-	-	-	-	-	-	-	-	-
2105	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2106	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2107	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2108	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2109		-	-	-	-	-	-	-	-	-	-	-	-	-	-
2110		-	-	-	-	-	-	-	-	-	-	-	-	-	-
2111	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2112	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

-: No abnormal findings

a): Day of necropsy

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

Appendix 1-23 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Clinical signs in dams Period : F0 lactation Day 0-14

Sex : Female Dose : EHOEE 300 mg/kg Species : Rat

Animal No.	/Day 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14 a)
3101	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3102	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3103	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3104	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3105	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3106	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3107	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3108	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3109	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3110	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3111	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3112	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

-: No abnormal findings

a): Day of necropsy

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

Appendix 1-24 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Clinical signs in dams Period : F0 lactation Day 0-14

Sex : Female Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	/Day 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14 a)
4101	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4102		-	-	-	-	-	-	-	-	-	-	-	-	-	-
4103	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4104	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4105		-	-	-	-	-	-	-	-	-	-	-	-	-	-
4106	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4107	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4108		-	-	-	-	-	-	-	-	-	-	-	-	-	-
4109	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4110	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4111	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4112		-	-	-	-	-	-	-	-	-	-	-	-	-	-

-: No abnormal findings

a): Day of necropsy

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

Appendix 1 - 25 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Clinical signs Period : Administration Day 1-43 (non-mating group)

Sex : Female Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	/Day 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
5101	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5102	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5103	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5104	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5105	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5106	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5107	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5108	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5109	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5110	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Animal No.	/Day 22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
5101	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5102	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5103	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5104	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5105	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5106	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5107	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5108	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5109	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5110	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

-: No abnormal findings

Clinical signs
Period : Administration Day 1-43 (non-mating group)
Sex : Female
Dose : EHOEE 0 mg/kg
Species : Rat

Animal No.	/Day 43 a)
5101	-
5102	-
5103	-
5104	-
5105	-
5106	
5107	
5108	
5109	
5110	

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
-: No abnormal findings
a): Day of necropsy

Appendix 1 -27 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Clinical signs Period : Administration Day 1-43 (non-mating group)

Sex : Female Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	/Day 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
6101	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6102	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6103	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6104	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6105	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6106	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6107	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6108	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6109	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6110	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Animal No.	/Day 22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42
6101	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6102	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6103	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6104	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6105	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6106	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6107	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6108	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6109	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6110	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

-: No abnormal findings

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Clinical signs

Period : Administration Day 1-43 (non-mating group)

Sex : Female

Dose : EHOEE 1000 mg/kg

Species : Rat

Animal No.	/Day 43 a)
6101	-
6102	-
6103	-
6104	-
6105	-
6106	
6107	
6108	
6109	
6110	

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

-: No abnormal findings

a): Day of necropsy

Appendix 1-29 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Clinical signs Period : Recovery Day 1-15

Sex : Male Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	/Day 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15 a)
1008	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1009	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1010	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1011	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

-: No abnormal findings

a): Day of necropsy

Appendix 1-30 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Clinical signs Period : Recovery Day 1-15

Sex : Male Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	/Day 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15 a)
4008	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4009	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4010	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4011	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

-: No abnormal findings

a): Day of necropsy

Appendix 1-31 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Clinical signs Period : Recovery Day 1-15 (non-mating group)

Sex : Female Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	/Day 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15 a)
5106	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5107	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5108	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5109	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5110	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

-: No abnormal findings

a): Day of necropsy

Appendix 1-32 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Clinical signs Period : Recovery Day 1-15 (non-mating group)

Sex : Female Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	/Day 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15 a)
6106	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6107	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6108	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6109	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6110	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

-: No abnormal findings

a): Day of necropsy

Appendix 2 - 1 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Home cage observation Period : F0 before mating

Generation : F0 Sex : Male Week : 1 Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	Posture	Convulsion	Abnormal behavior
1001	N	0	0
1002	N	0	0
1003	N	0	0
1004	N	0	0
1005	N	0	0
1006	N	0	0
1007	N	0	0
1008	N	0	0
1009	N	0	0
1010	N	0	0
1011	N	0	0
1012	N	0	0
n	12	12	12

Posture) N: Normal, F: Flattened, H: Hunched
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Appendix 2 - 2 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Home cage observation Period : F0 before mating

Generation : F0 Sex : Male Week : 1 Dose : EHOEE 100 mg/kg Species : Rat

Animal No.	Posture	Convulsion	Abnormal behavior
2001	N	0	0
2002	N	0	0
2003	N	0	0
2004	N	0	0
2005	N	0	0
2006	N	0	0
2007	N	0	0
2008	N	0	0
2009	N	0	0
2010	N	0	0
2011	N	0	0
2012	N	0	0
n	12	12	12

Posture) N: Normal, F: Flattened, H: Hunched
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Appendix 2 - 3 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Home cage observation Period : F0 before mating

Generation : F0 Sex : Male Week : 1 Dose : EHOEE 300 mg/kg Species : Rat

Animal No.	Posture	Convulsion	Abnormal behavior
3001	N	0	0
3002	N	0	0
3003	N	0	0
3004	N	0	0
3005	N	0	0
3006	N	0	0
3007	N	0	0
3008	N	0	0
3009	N	0	0
3010	N	0	0
3011	N	0	0
3012	N	0	0
n	12	12	12

Posture) N: Normal, F: Flattened, H: Hunched
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Appendix 2 - 4 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Home cage observation Period : F0 before mating

Generation : F0 Sex : Male Week : 1 Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	Posture	Convulsion	Abnormal behavior
4001	N	0	0
4002	N	0	0
4003	N	0	0
4004	N	0	0
4005	N	0	0
4006	N	0	0
4007	N	0	0
4008	N	0	0
4009	N	0	0
4010	N	0	0
4011	N	0	0
4012	N	0	0
n	12	12	12

Posture) N: Normal, F: Flattened, H: Hunched
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Appendix 2 - 5 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Home cage observation Period : F0 before mating

Generation : F0 Sex : Male Week : 2 Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	Posture	Convulsion	Abnormal behavior
1001	N	0	0
1002	N	0	0
1003	N	0	0
1004	N	0	0
1005	N	0	0
1006	N	0	0
1007	N	0	0
1008	N	0	0
1009	N	0	0
1010	N	0	0
1011	N	0	0
1012	N	0	0
n	12	12	12

Posture) N: Normal, F: Flattened, H: Hunched
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Appendix 2 - 6 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Home cage observation Period : F0 before mating

Generation : F0 Sex : Male Week : 2 Dose : EHOEE 100 mg/kg Species : Rat

Animal No.	Posture	Convulsion	Abnormal behavior
2001	N	0	0
2002	N	0	0
2003	N	0	0
2004	N	0	0
2005	N	0	0
2006	N	0	0
2007	N	0	0
2008	N	0	0
2009	N	0	0
2010	N	0	0
2011	N	0	0
2012	N	0	0
n	12	12	12

Posture) N: Normal, F: Flattened, H: Hunched
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Appendix 2 - 7 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Home cage observation Period : F0 before mating

Generation : F0 Sex : Male Week : 2 Dose : EHOEE 300 mg/kg Species : Rat

Animal No.	Posture	Convulsion	Abnormal behavior
3001	N	0	0
3002	N	0	0
3003	N	0	0
3004	N	0	0
3005	N	0	0
3006	N	0	0
3007	N	0	0
3008	N	0	0
3009	N	0	0
3010	N	0	0
3011	N	0	0
3012	N	0	0
n	12	12	12

Posture) N: Normal, F: Flattened, H: Hunched
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Appendix 2 - 8 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Home cage observation Period : F0 before mating

Generation : F0 Sex : Male Week : 2 Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	Posture	Convulsion	Abnormal behavior
4001	N	0	0
4002	N	0	0
4003	N	0	0
4004	N	0	0
4005	N	0	0
4006	N	0	0
4007	N	0	0
4008	N	0	0
4009	N	0	0
4010	N	0	0
4011	N	0	0
4012	N	0	0
n	12	12	12

Posture) N: Normal, F: Flattened, H: Hunched
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Appendix 2 - 9 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Home cage observation Period : F0 mating

Generation : F0 Sex : Male Week : 3 Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	Posture	Convulsion	Abnormal behavior
1001	N	0	0
1002	N	0	0
1003	N	0	0
1004	N	0	0
1005	N	0	0
1006	N	0	0
1007	N	0	0
1008	N	0	0
1009	N	0	0
1010	N	0	0
1011	N	0	0
1012	N	0	0
n	12	12	12

Posture) N: Normal, F: Flattened, H: Hunched
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Appendix 2 - 10 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Home cage observation Period : F0 mating

Generation : F0 Sex : Male Week : 3 Dose : EHOEE 100 mg/kg Species : Rat

Animal No.	Posture	Convulsion	Abnormal behavior
2001	N	0	0
2002	N	0	0
2003	N	0	0
2004	N	0	0
2005	N	0	0
2006	N	0	0
2007	N	0	0
2008	N	0	0
2009	N	0	0
2010	N	0	0
2011	N	0	0
2012	N	0	0
n	12	12	12

Posture) N: Normal, F: Flattened, H: Hunched
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Appendix 2 - 11 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Home cage observation Period : F0 mating

Generation : F0 Sex : Male Week : 3 Dose : EHOEE 300 mg/kg Species : Rat

Animal No.	Posture	Convulsion	Abnormal behavior
3001	N	0	0
3002	N	0	0
3003	N	0	0
3004	N	0	0
3005	N	0	0
3006	N	0	0
3007	N	0	0
3008	N	0	0
3009	N	0	0
3010	N	0	0
3011	N	0	0
3012	N	0	0
n	12	12	12

Posture) N: Normal, F: Flattened, H: Hunched
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Appendix 2 - 12 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Home cage observation Period : F0 mating

Generation : F0 Sex : Male Week : 3 Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	Posture	Convulsion	Abnormal behavior
4001	N	0	0
4002	N	0	0
4003	N	0	0
4004	N	0	0
4005	N	0	0
4006	N	0	0
4007	N	0	0
4008	N	0	0
4009	N	0	0
4010	N	0	0
4011	N	0	0
4012	N	0	0
n	12	12	12

Posture) N: Normal, F: Flattened, H: Hunched
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Appendix 2 - 13 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Home cage observation Period : F0 mating

Generation : F0 Sex : Male Week : 4 Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	Posture	Convulsion	Abnormal behavior
1001	N	0	0
1002	N	0	0
1003	N	0	0
1004	N	0	0
1005	N	0	0
1006	N	0	0
1007	N	0	0
1008	N	0	0
1009	N	0	0
1010	N	0	0
1011	N	0	0
1012	N	0	0
n	12	12	12

Posture) N: Normal, F: Flattened, H: Hunched
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Appendix 2 - 14 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Home cage observation Period : F0 mating

Generation : F0 Sex : Male Week : 4 Dose : EHOEE 100 mg/kg Species : Rat

Animal No.	Posture	Convulsion	Abnormal behavior
2001	N	0	0
2002	N	0	0
2003	N	0	0
2004	N	0	0
2005	N	0	0
2006	N	0	0
2007	N	0	0
2008	N	0	0
2009	N	0	0
2010	N	0	0
2011	N	0	0
2012	N	0	0
n	12	12	12

Posture) N: Normal, F: Flattened, H: Hunched
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Appendix 2 - 15 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Home cage observation Period : F0 mating

Generation : F0 Sex : Male Week : 4 Dose : EHOEE 300 mg/kg Species : Rat

Animal No.	Posture	Convulsion	Abnormal behavior
3001	N	0	0
3002	N	0	0
3003	N	0	0
3004	N	0	0
3005	N	0	0
3006	N	0	0
3007	N	0	0
3008	N	0	0
3009	N	0	0
3010	N	0	0
3011	N	0	0
3012	N	0	0
n	12	12	12

Posture) N: Normal, F: Flattened, H: Hunched
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Appendix 2 - 16 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Home cage observation Period : F0 mating

Generation : F0 Sex : Male Week : 4 Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	Posture	Convulsion	Abnormal behavior
4001	N	0	0
4002	N	0	0
4003	N	0	0
4004	N	0	0
4005	N	0	0
4006	N	0	0
4007	N	0	0
4008	N	0	0
4009	N	0	0
4010	N	0	0
4011	N	0	0
4012	N	0	0
n	12	12	12

Posture) N: Normal, F: Flattened, H: Hunched
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Appendix 2 - 17 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Home cage observation Period : F0 mating

Generation : F0 Sex : Male Week : 5 Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	Posture	Convulsion	Abnormal behavior
1001	N	0	0
1002	N	0	0
1003	N	0	0
1004	N	0	0
1005	N	0	0
1006	N	0	0
1007	N	0	0
1008	N	0	0
1009	N	0	0
1010	N	0	0
1011	N	0	0
1012	N	0	0
n	12	12	12

Posture) N: Normal, F: Flattened, H: Hunched
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Appendix 2 - 18 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Home cage observation Period : F0 mating

Generation : F0 Sex : Male Week : 5 Dose : EHOEE 100 mg/kg Species : Rat

Animal No.	Posture	Convulsion	Abnormal behavior
2001	N	0	0
2002	N	0	0
2003	N	0	0
2004	N	0	0
2005	N	0	0
2006	N	0	0
2007	N	0	0
2008	N	0	0
2009	N	0	0
2010	N	0	0
2011	N	0	0
2012	N	0	0
n	12	12	12

Posture) N: Normal, F: Flattened, H: Hunched
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Appendix 2 - 19 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Home cage observation Period : F0 mating

Generation : F0 Sex : Male Week : 5 Dose : EHOEE 300 mg/kg Species : Rat

Animal No.	Posture	Convulsion	Abnormal behavior
3001	N	0	0
3002	N	0	0
3003	N	0	0
3004	N	0	0
3005	N	0	0
3006	N	0	0
3007	N	0	0
3008	N	0	0
3009	N	0	0
3010	N	0	0
3011	N	0	0
3012	N	0	0
n	12	12	12

Posture) N: Normal, F: Flattened, H: Hunched
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Appendix 2 - 20 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Home cage observation Period : F0 mating

Generation : F0 Sex : Male Week : 5 Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	Posture	Convulsion	Abnormal behavior
4001	N	0	0
4002	N	0	0
4003	N	0	0
4004	N	0	0
4005	N	0	0
4006	N	0	0
4007	N	0	0
4008	N	0	0
4009	N	0	0
4010	N	0	0
4011	N	0	0
4012	N	0	0
n	12	12	12

Posture) N: Normal, F: Flattened, H: Hunched
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Appendix 2 - 21 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Home cage observation Period : F0 mating

Generation : F0 Sex : Male Week : 6 Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	Posture	Convulsion	Abnormal behavior
1001	N	0	0
1002	N	0	0
1003	N	0	0
1004	N	0	0
1005	N	0	0
1006	N	0	0
1007	N	0	0
1008	N	0	0
1009	N	0	0
1010	N	0	0
1011	N	0	0
1012	N	0	0
n	12	12	12

Posture) N: Normal, F: Flattened, H: Hunched
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Appendix 2 - 22 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Home cage observation Period : F0 mating

Generation : F0 Sex : Male Week : 6 Dose : EHOEE 100 mg/kg Species : Rat

Animal No.	Posture	Convulsion	Abnormal behavior
2001	N	0	0
2002	N	0	0
2003	N	0	0
2004	N	0	0
2005	N	0	0
2006	N	0	0
2007	N	0	0
2008	N	0	0
2009	N	0	0
2010	N	0	0
2011	N	0	0
2012	N	0	0
n	12	12	12

Posture) N: Normal, F: Flattened, H: Hunched
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Appendix 2 - 23 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Home cage observation Period : F0 mating

Generation : F0 Sex : Male Week : 6 Dose : EHOEE 300 mg/kg Species : Rat

Animal No.	Posture	Convulsion	Abnormal behavior
3001	N	0	0
3002	N	0	0
3003	N	0	0
3004	N	0	0
3005	N	0	0
3006	N	0	0
3007	N	0	0
3008	N	0	0
3009	N	0	0
3010	N	0	0
3011	N	0	0
3012	N	0	0
n	12	12	12

Posture) N: Normal, F: Flattened, H: Hunched
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Appendix 2 - 24 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Home cage observation Period : F0 mating

Generation : F0 Sex : Male Week : 6 Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	Posture	Convulsion	Abnormal behavior
4001	N	0	0
4002	N	0	0
4003	N	0	0
4004	N	0	0
4005	N	0	0
4006	N	0	0
4007	N	0	0
4008	N	0	0
4009	N	0	0
4010	N	0	0
4011	N	0	0
4012	N	0	0
n	12	12	12

Posture) N: Normal, F: Flattened, H: Hunched
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Home cage observation

Period : F0 before mating

Generation : F0 Sex : Female Week : 1 Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	Posture	Convulsion	Abnormal behavior
1101	N	0	0
1102	N	0	0
1103	N	0	0
1104	N	0	0
1105	N	0	0
1106	N	0	0
1107	N	0	0
1108	N	0	0
1109	N	0	0
1110	N	0	0
1111	N	0	0
1112	N	0	0
n	12	12	12

Posture) N: Normal, F: Flattened, H: Hunched
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Home cage observation

Period : F0 before mating

Generation : F0 Sex : Female Week : 1 Dose : EHOEE 100 mg/kg Species : Rat

Animal No.	Posture	Convulsion	Abnormal behavior
2101	N	0	0
2102	N	0	0
2103	N	0	0
2104	N	0	0
2105	N	0	0
2106	N	0	0
2107	N	0	0
2108	N	0	0
2109	N	0	0
2110	N	0	0
2111	N	0	0
2112	N	0	0
n	12	12	12

Posture) N: Normal, F: Flattened, H: Hunched
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Home cage observation

Period : F0 before mating

Generation : F0 Sex : Female Week : 1 Dose : EHOEE 300 mg/kg Species : Rat

Animal No.	Posture	Convulsion	Abnormal behavior
3101	N	0	0
3102	N	0	0
3103	N	0	0
3104	N	0	0
3105	N	0	0
3106	N	0	0
3107	N	0	0
3108	N	0	0
3109	N	0	0
3110	N	0	0
3111	N	0	0
3112	N	0	0
n	12	12	12

Posture) N: Normal, F: Flattened, H: Hunched
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Appendix 2 - 28 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Home cage observation Period : F0 before mating

Generation : F0 Sex : Female Week : 1 Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	Posture	Convulsion	Abnormal behavior
4101	N	0	0
4102	N	0	0
4103	N	0	0
4104	N	0	0
4105	N	0	0
4106	N	0	0
4107	N	0	0
4108	N	0	0
4109	N	0	0
4110	N	0	0
4111	N	0	0
4112	N	0	0
n	12	12	12

Posture) N: Normal, F: Flattened, H: Hunched
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Home cage observation

Period : F0 before mating

Generation : F0 Sex : Female Week : 2 Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	Posture	Convulsion	Abnormal behavior
1101	N	0	0
1102	N	0	0
1103	N	0	0
1104	N	0	0
1105	N	0	0
1106	N	0	0
1107	N	0	0
1108	N	0	0
1109	N	0	0
1110	N	0	0
1111	N	0	0
1112	N	0	0
n	12	12	12

Posture) N: Normal, F: Flattened, H: Hunched
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Appendix 2 - 30 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Home cage observation Period : F0 before mating

Generation : F0 Sex : Female Week : 2 Dose : EHOEE 100 mg/kg Species : Rat

Animal No.	Posture	Convulsion	Abnormal behavior
2101	N	0	0
2102	N	0	0
2103	N	0	0
2104	N	0	0
2105	N	0	0
2106	N	0	0
2107	N	0	0
2108	N	0	0
2109	N	0	0
2110	N	0	0
2111	N	0	0
2112	N	0	0
n	12	12	12

Posture) N: Normal, F: Flattened, H: Hunched
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Appendix 2 - 31 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Home cage observation Period : F0 before mating

Generation : F0 Sex : Female Week : 2 Dose : EHOEE 300 mg/kg Species : Rat

Animal No.	Posture	Convulsion	Abnormal behavior
3101	N	0	0
3102	N	0	0
3103	N	0	0
3104	N	0	0
3105	N	0	0
3106	N	0	0
3107	N	0	0
3108	N	0	0
3109	N	0	0
3110	N	0	0
3111	N	0	0
3112	N	0	0
n	12	12	12

Posture) N: Normal, F: Flattened, H: Hunched
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Appendix 2 - 32 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Home cage observation Period : F0 before mating

Generation : F0 Sex : Female Week : 2 Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	Posture	Convulsion	Abnormal behavior
4101	N	0	0
4102	N	0	0
4103	N	0	0
4104	N	0	0
4105	N	0	0
4106	N	0	0
4107	N	0	0
4108	N	0	0
4109	N	0	0
4110	N	0	0
4111	N	0	0
4112	N	0	0
n	12	12	12

Posture) N: Normal, F: Flattened, H: Hunched
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Home cage observation

Period : F0 gestation

Generation : F0 Sex : Female Day : 1 Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	Posture	Convulsion	Abnormal behavior
1101	N	0	0
1102	N	0	0
1103	N	0	0
1104	N	0	0
1105	N	0	0
1107	N	0	0
1108	N	0	0
1109	N	0	0
1110	N	0	0
1111	N	0	0
1112	N	0	0
n	11	11	11

Posture) N: Normal, F: Flattened, H: Hunched
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

Appendix 2 - 34 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Home cage observation Period : F0 gestation

Generation : F0 Sex : Female Day : 1 Dose : EHOEE 100 mg/kg Species : Rat

Animal No.	Posture	Convulsion	Abnormal behavior
2101	N	0	0
2102	N	0	0
2103	N	0	0
2104	N	0	0
2105	N	0	0
2106	N	0	0
2107	N	0	0
2108	N	0	0
2109	N	0	0
2110	N	0	0
2111	N	0	0
2112	N	0	0
n	12	12	12

Posture) N: Normal, F: Flattened, H: Hunched
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

Appendix 2 - 35 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Home cage observation Period : F0 gestation

Generation : F0 Sex : Female Day : 1 Dose : EHOEE 300 mg/kg Species : Rat

Animal No.	Posture	Convulsion	Abnormal behavior
3101	N	0	0
3102	N	0	0
3103	N	0	0
3104	N	0	0
3105	N	0	0
3106	N	0	0
3107	N	0	0
3108	N	0	0
3109	N	0	0
3110	N	0	0
3111	N	0	0
3112	N	0	0
n	12	12	12

Posture) N: Normal, F: Flattened, H: Hunched
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

Appendix 2 - 36 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Home cage observation Period : F0 gestation

Generation : F0 Sex : Female Day : 1 Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	Posture	Convulsion	Abnormal behavior
4101	N	0	0
4102	N	0	0
4103	N	0	0
4104	N	0	0
4105	N	0	0
4106	N	0	0
4107	N	0	0
4108	N	0	0
4109	N	0	0
4110	N	0	0
4111	N	0	0
4112	N	0	0
n	12	12	12

Posture) N: Normal, F: Flattened, H: Hunched
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Home cage observation

Period : F0 gestation

Generation : F0 Sex : Female Day : 7 Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	Posture	Convulsion	Abnormal behavior
1101	N	0	0
1102	N	0	0
1103	N	0	0
1104	N	0	0
1105	N	0	0
1107	N	0	0
1108	N	0	0
1109	N	0	0
1110	N	0	0
1111	N	0	0
1112	N	0	0
n	11	11	11

Posture) N: Normal, F: Flattened, H: Hunched
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Home cage observation

Period : F0 gestation

Generation : F0 Sex : Female Day : 7 Dose : EHOEE 100 mg/kg Species : Rat

Animal No.	Posture	Convulsion	Abnormal behavior
2101	N	0	0
2102	N	0	0
2103	N	0	0
2104	N	0	0
2105	N	0	0
2106	N	0	0
2107	N	0	0
2108	N	0	0
2109	N	0	0
2110	N	0	0
2111	N	0	0
2112	N	0	0
n	12	12	12

Posture) N: Normal, F: Flattened, H: Hunched
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Home cage observation

Period : F0 gestation

Generation : F0 Sex : Female Day : 7 Dose : EHOEE 300 mg/kg Species : Rat

Animal No.	Posture	Convulsion	Abnormal behavior
3101	N	0	0
3102	N	0	0
3103	N	0	0
3104	N	0	0
3105	N	0	0
3106	N	0	0
3107	N	0	0
3108	N	0	0
3109	N	0	0
3110	N	0	0
3111	N	0	0
3112	N	0	0
n	12	12	12

Posture) N: Normal, F: Flattened, H: Hunched
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

Appendix 2 - 40 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Home cage observation Period : F0 gestation

Generation : F0 Sex : Female Day : 7 Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	Posture	Convulsion	Abnormal behavior
4101	N	0	0
4102	N	0	0
4103	N	0	0
4104	N	0	0
4105	N	0	0
4106	N	0	0
4107	N	0	0
4108	N	0	0
4109	N	0	0
4110	N	0	0
4111	N	0	0
4112	N	0	0
n	12	12	12

Posture) N: Normal, F: Flattened, H: Hunched
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

Appendix 2 - 41 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Home cage observation Period : F0 gestation

Generation : F0 Sex : Female Day : 14 Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	Posture	Convulsion	Abnormal behavior
1101	N	0	0
1102	N	0	0
1103	N	0	0
1104	N	0	0
1105	N	0	0
1107	N	0	0
1108	N	0	0
1109	N	0	0
1110	N	0	0
1111	N	0	0
1112	N	0	0
n	11	11	11

Posture) N: Normal, F: Flattened, H: Hunched
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Home cage observation

Period : F0 gestation

Generation : F0 Sex : Female Day : 14 Dose : EHOEE 100 mg/kg Species : Rat

Animal No.	Posture	Convulsion	Abnormal behavior
2101	N	0	0
2102	N	0	0
2103	N	0	0
2104	N	0	0
2105	N	0	0
2106	N	0	0
2107	N	0	0
2108	N	0	0
2109	N	0	0
2110	N	0	0
2111	N	0	0
2112	N	0	0
n	12	12	12

Posture) N: Normal, F: Flattened, H: Hunched
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

Appendix 2 - 43 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Home cage observation Period : F0 gestation

Generation : F0 Sex : Female Day : 14 Dose : EHOEE 300 mg/kg Species : Rat

Animal No.	Posture	Convulsion	Abnormal behavior
3101	N	0	0
3102	N	0	0
3103	N	0	0
3104	N	0	0
3105	N	0	0
3106	N	0	0
3107	N	0	0
3108	N	0	0
3109	N	0	0
3110	N	0	0
3111	N	0	0
3112	N	0	0
n	12	12	12

Posture) N: Normal, F: Flattened, H: Hunched
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

Appendix 2 - 44 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Home cage observation Period : F0 gestation

Generation : F0 Sex : Female Day : 14 Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	Posture	Convulsion	Abnormal behavior
4101	N	0	0
4102	N	0	0
4103	N	0	0
4104	N	0	0
4105	N	0	0
4106	N	0	0
4107	N	0	0
4108	N	0	0
4109	N	0	0
4110	N	0	0
4111	N	0	0
4112	N	0	0
n	12	12	12

Posture) N: Normal, F: Flattened, H: Hunched
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

Appendix 2 - 45 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Home cage observation Period : F0 gestation

Generation : F0 Sex : Female Day : 20 Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	Posture	Convulsion	Abnormal behavior
1101	N	0	0
1102	N	0	0
1103	N	0	0
1104	N	0	0
1105	N	0	0
1107	N	0	0
1108	N	0	0
1109	N	0	0
1110	N	0	0
1111	N	0	0
1112	N	0	0
n	11	11	11

Posture) N: Normal, F: Flattened, H: Hunched
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Home cage observation

Period : F0 gestation

Generation : F0 Sex : Female Day : 20 Dose : EHOEE 100 mg/kg Species : Rat

Animal No.	Posture	Convulsion	Abnormal behavior
2101	N	0	0
2102	N	0	0
2103	N	0	0
2104	N	0	0
2105	N	0	0
2106	N	0	0
2107	N	0	0
2108	N	0	0
2109	N	0	0
2110	N	0	0
2111	N	0	0
2112	N	0	0
n	12	12	12

Posture) N: Normal, F: Flattened, H: Hunched
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

Appendix 2 - 47 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Home cage observation Period : F0 gestation

Generation : F0 Sex : Female Day : 20 Dose : EHOEE 300 mg/kg Species : Rat

Animal No.	Posture	Convulsion	Abnormal behavior
3101	N	0	0
3102	N	0	0
3103	N	0	0
3104	N	0	0
3105	N	0	0
3106	N	0	0
3107	N	0	0
3108	N	0	0
3109	N	0	0
3110	N	0	0
3111	N	0	0
3112	N	0	0
n	12	12	12

Posture) N: Normal, F: Flattened, H: Hunched
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

Appendix 2 - 48 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Home cage observation Period : F0 gestation

Generation : F0 Sex : Female Day : 20 Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	Posture	Convulsion	Abnormal behavior
4101	N	0	0
4102	N	0	0
4103	N	0	0
4104	N	0	0
4105	N	0	0
4106	N	0	0
4107	N	0	0
4108	N	0	0
4109	N	0	0
4110	N	0	0
4111	N	0	0
4112	N	0	0
n	12	12	12

Posture) N: Normal, F: Flattened, H: Hunched
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Home cage observation

Period : F0 lactation

Generation : F0 Sex : Female Day : 6 Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	Posture	Convulsion	Abnormal behavior
1101	N	0	0
1102	N	0	0
1103	N	0	0
1104	N	0	0
1105	N	0	0
1107	N	0	0
1108	N	0	0
1109	N	0	0
1110	N	0	0
1111	N	0	0
1112	N	0	0
n	11	11	11

Posture) N: Normal, F: Flattened, H: Hunched
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Home cage observation

Period : F0 lactation

Generation : F0 Sex : Female Day : 6 Dose : EHOEE 100 mg/kg Species : Rat

Animal No.	Posture	Convulsion	Abnormal behavior
2101	N	0	0
2102	N	0	0
2103	N	0	0
2104	N	0	0
2105	N	0	0
2106	N	0	0
2107	N	0	0
2108	N	0	0
2109	N	0	0
2110	N	0	0
2111	N	0	0
2112	N	0	0
n	12	12	12

Posture) N: Normal, F: Flattened, H: Hunched
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

Appendix 2 - 51 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Home cage observation Period : F0 lactation

Generation : F0 Sex : Female Day : 6 Dose : EHOEE 300 mg/kg Species : Rat

Animal No.	Posture	Convulsion	Abnormal behavior
3101	N	0	0
3102	N	0	0
3103	N	0	0
3104	N	0	0
3105	N	0	0
3106	N	0	0
3107	N	0	0
3108	N	0	0
3109	N	0	0
3110	N	0	0
3111	N	0	0
3112	N	0	0
n	12	12	12

Posture) N: Normal, F: Flattened, H: Hunched
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

Appendix 2 - 52 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Home cage observation Period : F0 lactation

Generation : F0 Sex : Female Day : 6 Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	Posture	Convulsion	Abnormal behavior
4101	N	0	0
4102	N	0	0
4103	N	0	0
4104	N	0	0
4105	N	0	0
4106	N	0	0
4107	N	0	0
4108	N	0	0
4109	N	0	0
4110	N	0	0
4111	N	0	0
4112	N	0	0
n	12	12	12

Posture) N: Normal, F: Flattened, H: Hunched
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

Appendix 2 - 53 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Home cage observation Period : F0 lactation

Generation : F0 Sex : Female Day : 13 Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	Posture	Convulsion	Abnormal behavior
1101	N	0	0
1102	N	0	0
1103	N	0	0
1104	N	0	0
1105	N	0	0
1107	N	0	0
1108	N	0	0
1109	N	0	0
1110	N	0	0
1111	N	0	0
1112	N	0	0
n	11	11	11

Posture) N: Normal, F: Flattened, H: Hunched
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

Appendix 2 - 54 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Home cage observation Period : F0 lactation

Generation : F0 Sex : Female Day : 13 Dose : EHOEE 100 mg/kg Species : Rat

Animal No.	Posture	Convulsion	Abnormal behavior
2101	N	0	0
2102	N	0	0
2103	N	0	0
2104	N	0	0
2105	N	0	0
2106	N	0	0
2107	N	0	0
2108	N	0	0
2109	N	0	0
2110	N	0	0
2111	N	0	0
2112	N	0	0
n	12	12	12

Posture) N: Normal, F: Flattened, H: Hunched
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Home cage observation

Period : F0 lactation

Generation : F0 Sex : Female Day : 13 Dose : EHOEE 300 mg/kg Species : Rat

Animal No.	Posture	Convulsion	Abnormal behavior
3101	N	0	0
3102	N	0	0
3103	N	0	0
3104	N	0	0
3105	N	0	0
3106	N	0	0
3107	N	0	0
3108	N	0	0
3109	N	0	0
3110	N	0	0
3111	N	0	0
3112	N	0	0
n	12	12	12

Posture) N: Normal, F: Flattened, H: Hunched
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Home cage observation

Generation : F0 Sex : Female Day : 13 Period : F0 lactation Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	Posture	Convulsion	Abnormal behavior
4101	N	0	0
4102	N	0	0
4103	N	0	0
4104	N	0	0
4105	N	0	0
4106	N	0	0
4107	N	0	0
4108	N	0	0
4109	N	0	0
4110	N	0	0
4111	N	0	0
4112	N	0	0
n	12	12	12

Posture) N: Normal, F: Flattened, H: Hunched
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

Appendix 2 - 57 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Home cage observation Period : Administration (non-mating group)

Generation : F0 Sex : Female Week : 1 Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	Posture	Convulsion	Abnormal behavior
5101	N	0	0
5102	N	0	0
5103	N	0	0
5104	N	0	0
5105	N	0	0
5106	N	0	0
5107	N	0	0
5108	N	0	0
5109	N	0	0
5110	N	0	0
n	10	10	10

Posture) N: Normal, F: Flattened, H: Hunched
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Appendix 2 - 58 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Home cage observation Period : Administration (non-mating group)

Generation : F0 Sex : Female Week : 1 Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	Posture	Convulsion	Abnormal behavior
6101	N	0	0
6102	N	0	0
6103	N	0	0
6104	N	0	0
6105	N	0	0
6106	N	0	0
6107	N	0	0
6108	N	0	0
6109	N	0	0
6110	N	0	0
n	10	10	10

Posture) N: Normal, F: Flattened, H: Hunched
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Appendix 2 - 59 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Home cage observation Period : Administration (non-mating group)

Generation : F0 Sex : Female Week : 2 Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	Posture	Convulsion	Abnormal behavior
5101	N	0	0
5102	N	0	0
5103	N	0	0
5104	N	0	0
5105	N	0	0
5106	N	0	0
5107	N	0	0
5108	N	0	0
5109	N	0	0
5110	N	0	0
n	10	10	10

Posture) N: Normal, F: Flattened, H: Hunched
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Home cage observation

Period : Administration (non-mating group)

Generation : F0 Sex : Female Week : 2 Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	Posture	Convulsion	Abnormal behavior
6101	N	0	0
6102	N	0	0
6103	N	0	0
6104	N	0	0
6105	N	0	0
6106	N	0	0
6107	N	0	0
6108	N	0	0
6109	N	0	0
6110	N	0	0
n	10	10	10

Posture) N: Normal, F: Flattened, H: Hunched
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Appendix 2 - 61 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Home cage observation Period : Administration (non-mating group)

Generation : F0 Sex : Female Week : 3 Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	Posture	Convulsion	Abnormal behavior
5101	N	0	0
5102	N	0	0
5103	N	0	0
5104	N	0	0
5105	N	0	0
5106	N	0	0
5107	N	0	0
5108	N	0	0
5109	N	0	0
5110	N	0	0
n	10	10	10

Posture) N: Normal, F: Flattened, H: Hunched
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Home cage observation

Period : Administration (non-mating group)

Generation : F0 Sex : Female Week : 3 Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	Posture	Convulsion	Abnormal behavior
6101	N	0	0
6102	N	0	0
6103	N	0	0
6104	N	0	0
6105	N	0	0
6106	N	0	0
6107	N	0	0
6108	N	0	0
6109	N	0	0
6110	N	0	0
n	10	10	10

Posture) N: Normal, F: Flattened, H: Hunched
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Appendix 2 - 63 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Home cage observation Period : Administration (non-mating group)

Generation : F0 Sex : Female Week : 4 Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	Posture	Convulsion	Abnormal behavior
5101	N	0	0
5102	N	0	0
5103	N	0	0
5104	N	0	0
5105	N	0	0
5106	N	0	0
5107	N	0	0
5108	N	0	0
5109	N	0	0
5110	N	0	0
n	10	10	10

Posture) N: Normal, F: Flattened, H: Hunched
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Home cage observation

Period : Administration (non-mating group)

Generation : F0 Sex : Female Week : 4 Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	Posture	Convulsion	Abnormal behavior
6101	N	0	0
6102	N	0	0
6103	N	0	0
6104	N	0	0
6105	N	0	0
6106	N	0	0
6107	N	0	0
6108	N	0	0
6109	N	0	0
6110	N	0	0
n	10	10	10

Posture) N: Normal, F: Flattened, H: Hunched
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Appendix 2 - 65 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Home cage observation Period : Administration (non-mating group)

Generation : F0 Sex : Female Week : 5 Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	Posture	Convulsion	Abnormal behavior
5101	N	0	0
5102	N	0	0
5103	N	0	0
5104	N	0	0
5105	N	0	0
5106	N	0	0
5107	N	0	0
5108	N	0	0
5109	N	0	0
5110	N	0	0
n	10	10	10

Posture) N: Normal, F: Flattened, H: Hunched
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Home cage observation

Period : Administration (non-mating group)

Generation : F0 Sex : Female Week : 5 Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	Posture	Convulsion	Abnormal behavior
6101	N	0	0
6102	N	0	0
6103	N	0	0
6104	N	0	0
6105	N	0	0
6106	N	0	0
6107	N	0	0
6108	N	0	0
6109	N	0	0
6110	N	0	0
n	10	10	10

Posture) N: Normal, F: Flattened, H: Hunched
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Appendix 2 - 67 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Home cage observation Period : Administration (non-mating group)

Generation : F0 Sex : Female Week : 6 Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	Posture	Convulsion	Abnormal behavior
5101	N	0	0
5102	N	0	0
5103	N	0	0
5104	N	0	0
5105	N	0	0
5106	N	0	0
5107	N	0	0
5108	N	0	0
5109	N	0	0
5110	N	0	0
n	10	10	10

Posture) N: Normal, F: Flattened, H: Hunched
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Home cage observation

Period : Administration (non-mating group)

Generation : F0 Sex : Female Week : 6 Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	Posture	Convulsion	Abnormal behavior
6101	N	0	0
6102	N	0	0
6103	N	0	0
6104	N	0	0
6105	N	0	0
6106	N	0	0
6107	N	0	0
6108	N	0	0
6109	N	0	0
6110	N	0	0
n	10	10	10

Posture) N: Normal, F: Flattened, H: Hunched
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Home cage observation

Period : Recovery

Generation : F0 Sex : Male Week : 1 Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	Posture	Convulsion	Abnormal behavior
1008	N	0	0
1009	N	0	0
1010	N	0	0
1011	N	0	0
1012	N	0	0
n	5	5	5

Posture) N: Normal, F: Flattened, H: Hunched
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Appendix 2 - 70 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Home cage observation Period : Recovery

Generation : F0 Sex : Male Week : 1 Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	Posture	Convulsion	Abnormal behavior
4008	N	0	0
4009	N	0	0
4010	N	0	0
4011	N	0	0
4012	N	0	0
n	5	5	5

Posture) N: Normal, F: Flattened, H: Hunched
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Home cage observation

Period : Recovery

Generation : F0 Sex : Male Week : 2 Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	Posture	Convulsion	Abnormal behavior
1008	N	0	0
1009	N	0	0
1010	N	0	0
1011	N	0	0
1012	N	0	0
n	5	5	5

Posture) N: Normal, F: Flattened, H: Hunched
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Home cage observation

Period : Recovery

Generation : F0 Sex : Male Week : 2 Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	Posture	Convulsion	Abnormal behavior
4008	N	0	0
4009	N	0	0
4010	N	0	0
4011	N	0	0
4012	N	0	0
n	5	5	5

Posture) N: Normal, F: Flattened, H: Hunched
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Appendix 2 - 73 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Home cage observation Period : Recovery(non-mating group)

Generation : F0 Sex : Female Week : 1 Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	Posture	Convulsion	Abnormal behavior
5106	N	0	0
5107	N	0	0
5108	N	0	0
5109	N	0	0
5110	N	0	0
n	5	5	5

Posture) N: Normal, F: Flattened, H: Hunched
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Home cage observation

Period : Recovery(non-mating group)

Generation : F0 Sex : Female Week : 1 Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	Posture	Convulsion	Abnormal behavior
6106	N	0	0
6107	N	0	0
6108	N	0	0
6109	N	0	0
6110	N	0	0
n	5	5	5

Posture) N: Normal, F: Flattened, H: Hunched
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Home cage observation

Period : Recovery(non-mating group)

Generation : F0 Sex : Female Week : 2 Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	Posture	Convulsion	Abnormal behavior
5106	N	0	0
5107	N	0	0
5108	N	0	0
5109	N	0	0
5110	N	0	0
n	5	5	5

Posture) N: Normal, F: Flattened, H: Hunched
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Home cage observation

Period : Recovery(non-mating group)

Generation : F0 Sex : Female Week : 2 Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	Posture	Convulsion	Abnormal behavior
6106	N	0	0
6107	N	0	0
6108	N	0	0
6109	N	0	0
6110	N	0	0
n	5	5	5

Posture) N: Normal, F: Flattened, H: Hunched
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

In-the-hand observation Period : F0 before mating
Generation : F0 Sex : Male Week : 1 Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	Ease of removal from cage	Fur condition	Skin	Secretions-Eye, Nose	Exophthalmos	Palpebral closure	Mucosal membranes	Lacrimation
1001	0	0	0	0	0	0	0	0
1002	0	0	0	0	0	0	0	0
1003	0	0	0	0	0	0	0	0
1004	0	0	0	0	0	0	0	0
1005	0	0	0	0	0	0	0	0
1006	0	0	0	0	0	0	0	0
1007	0	0	0	0	0	0	0	0
1008	0	0	0	0	0	0	0	0
1009	0	0	0	0	0	0	0	0
1010	0	0	0	0	0	0	0	0
1011	0	0	0	0	0	0	0	0
1012	0	0	0	0	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Piloerection	Pupil size	Salivation	Abnormal respiration	Vocalization	Reactivity to handling
1001	0	0	0	0	0	0
1002	0	0	0	0	0	0
1003	0	0	0	0	0	0
1004	0	0	0	0	0	0
1005	0	0	0	0	0	0
1006	0	0	0	0	0	0
1007	0	0	0	0	0	0
1008	0	0	0	0	0	0
1009	0	0	0	0	0	0
1010	0	0	0	0	0	0
1011	0	0	0	0	0	0
1012	0	0	0	0	0	0
n	12	12	12	12	12	12

Ease of removal from cage) -1: Atypically docile, 0: Easy, 1: Some resistance/avoidance, 2: Difficult, 3: Very difficult
Fur condition) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Normal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Normal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Normal, 1: Half opened pupil, 2: Mydriasis
Salivation) 0: None, 1: Slight, 2: Moderate, 3: Marked
Abnormal respiration) 0: None, 1: Slight, 2: Moderate, 3: Severe
Vocalization) 0: None, 1: Soft, 2: Moderate, 3: Loud/aggressive
Reactivity to handling) -1: Atypically docile, 0: Easy, 1: Slightly awkward, 2: Awkward, 3: Very Awkward
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

In-the-hand observation
Generation : F0 Sex : Male Week : 1 Period : F0 before mating
Dose : EHOEE 100 mg/kg Species : Rat

Animal No.	Ease of removal from cage	Fur condition	Skin	Secretions-Eye, Nose	Exophthalmos	Palpebral closure	Mucosal membranes	Lacrimation
2001	0	0	0	0	0	0	0	0
2002	0	0	0	0	0	0	0	0
2003	0	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	0	0
2005	0	0	0	0	0	0	0	0
2006	0	0	0	0	0	0	0	0
2007	0	0	0	0	0	0	0	0
2008	0	0	0	0	0	0	0	0
2009	0	0	0	0	0	0	0	0
2010	0	0	0	0	0	0	0	0
2011	0	0	0	0	0	0	0	0
2012	0	0	0	0	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Piloerection	Pupil size	Salivation	Abnormal respiration	Vocalization	Reactivity to handling
2001	0	0	0	0	0	0
2002	0	0	0	0	0	0
2003	0	0	0	0	0	0
2004	0	0	0	0	0	0
2005	0	0	0	0	0	0
2006	0	0	0	0	0	0
2007	0	0	0	0	0	0
2008	0	0	0	0	0	0
2009	0	0	0	0	0	0
2010	0	0	0	0	0	0
2011	0	0	0	0	0	0
2012	0	0	0	0	0	0
n	12	12	12	12	12	12

Ease of removal from cage) -1: Atypically docile, 0: Easy, 1: Some resistance/avoidance, 2: Difficult, 3: Very difficult
Fur condition) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Normal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Normal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Normal, 1: Half opened pupil, 2: Mydriasis
Salivation) 0: None, 1: Slight, 2: Moderate, 3: Marked
Abnormal respiration) 0: None, 1: Slight, 2: Moderate, 3: Severe
Vocalization) 0: None, 1: Soft, 2: Moderate, 3: Loud/aggressive
Reactivity to handling) -1: Atypically docile, 0: Easy, 1: Slightly awkward, 2: Awkward, 3: Very Awkward
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

In-the-hand observation

Generation : F0 Sex : Male Week : 1 Period : F0 before mating Dose : EHOEE 300 mg/kg Species : Rat

Animal No.	Ease of removal from cage	Fur condition	Skin	Secretions-Eye, Nose	Exophthalmos	Palpebral closure	Mucosal membranes	Lacrimation
3001	0	0	0	0	0	0	0	0
3002	0	0	0	0	0	0	0	0
3003	0	0	0	0	0	0	0	0
3004	0	0	0	0	0	0	0	0
3005	0	0	0	0	0	0	0	0
3006	0	0	0	0	0	0	0	0
3007	0	0	0	0	0	0	0	0
3008	0	0	0	0	0	0	0	0
3009	0	0	0	0	0	0	0	0
3010	0	0	0	0	0	0	0	0
3011	0	0	0	0	0	0	0	0
3012	0	0	0	0	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Piloerection	Pupil size	Salivation	Abnormal respiration	Vocalization	Reactivity to handling
3001	0	0	0	0	0	0
3002	0	0	0	0	0	0
3003	0	0	0	0	0	0
3004	0	0	0	0	0	0
3005	0	0	0	0	0	0
3006	0	0	0	0	0	0
3007	0	0	0	0	0	0
3008	0	0	0	0	0	0
3009	0	0	0	0	0	0
3010	0	0	0	0	0	0
3011	0	0	0	0	0	0
3012	0	0	0	0	0	0
n	12	12	12	12	12	12

Ease of removal from cage) -1: Atypically docile, 0: Easy, 1: Some resistance/avoidance, 2: Difficult, 3: Very difficult
Fur condition) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Normal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Normal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Normal, 1: Half opened pupil, 2: Mydriasis
Salivation) 0: None, 1: Slight, 2: Moderate, 3: Marked
Abnormal respiration) 0: None, 1: Slight, 2: Moderate, 3: Severe
Vocalization) 0: None, 1: Soft, 2: Moderate, 3: Loud/aggressive
Reactivity to handling) -1: Atypically docile, 0: Easy, 1: Slightly awkward, 2: Awkward, 3: Very Awkward
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

In-the-hand observation

Generation : F0 Sex : Male Week : 1 Period : F0 before mating Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	Ease of removal from cage	Fur condition	Skin	Secretions-Eye, Nose	Exophthalmos	Palpebral closure	Mucosal membranes	Lacrimation
4001	0	0	0	0	0	0	0	0
4002	0	0	0	0	0	0	0	0
4003	0	0	0	0	0	0	0	0
4004	0	0	0	0	0	0	0	0
4005	0	0	0	0	0	0	0	0
4006	0	0	0	0	0	0	0	0
4007	0	0	0	0	0	0	0	0
4008	0	0	0	0	0	0	0	0
4009	0	0	0	0	0	0	0	0
4010	0	0	0	0	0	0	0	0
4011	0	0	0	0	0	0	0	0
4012	0	0	0	0	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Piloerection	Pupil size	Salivation	Abnormal respiration	Vocalization	Reactivity to handling
4001	0	0	0	0	0	0
4002	0	0	0	0	0	0
4003	0	0	0	0	0	0
4004	0	0	0	0	0	0
4005	0	0	0	0	0	0
4006	0	0	0	0	0	0
4007	0	0	0	0	0	0
4008	0	0	0	0	0	0
4009	0	0	0	0	0	0
4010	0	0	0	0	0	0
4011	0	0	0	0	0	0
4012	0	0	0	0	0	0
n	12	12	12	12	12	12

Ease of removal from cage) -1: Atypically docile, 0: Easy, 1: Some resistance/avoidance, 2: Difficult, 3: Very difficult
Fur condition) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Normal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Normal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Normal, 1: Half opened pupil, 2: Mydriasis
Salivation) 0: None, 1: Slight, 2: Moderate, 3: Marked
Abnormal respiration) 0: None, 1: Slight, 2: Moderate, 3: Severe
Vocalization) 0: None, 1: Soft, 2: Moderate, 3: Loud/aggressive
Reactivity to handling) -1: Atypically docile, 0: Easy, 1: Slightly awkward, 2: Awkward, 3: Very Awkward
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

In-the-hand observation

Generation : F0 Sex : Male Week : 2 Period : F0 before mating Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	Ease of removal from cage	Fur condition	Skin	Secretions-Eye, Nose	Exophthalmos	Palpebral closure	Mucosal membranes	Lacrimation
1001	0	0	0	0	0	0	0	0
1002	0	0	0	0	0	0	0	0
1003	0	0	0	0	0	0	0	0
1004	0	0	0	0	0	0	0	0
1005	0	0	0	0	0	0	0	0
1006	0	0	0	0	0	0	0	0
1007	0	0	0	0	0	0	0	0
1008	0	0	0	0	0	0	0	0
1009	0	0	0	0	0	0	0	0
1010	0	0	0	0	0	0	0	0
1011	0	0	0	0	0	0	0	0
1012	0	0	0	0	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Piloerection	Pupil size	Salivation	Abnormal respiration	Vocalization	Reactivity to handling
1001	0	0	0	0	0	0
1002	0	0	0	0	0	0
1003	0	0	0	0	0	0
1004	0	0	0	0	0	0
1005	0	0	0	0	0	0
1006	0	0	0	0	0	0
1007	0	0	0	0	0	0
1008	0	0	0	0	0	0
1009	0	0	0	0	0	0
1010	0	0	0	0	0	0
1011	0	0	0	0	0	0
1012	0	0	0	0	0	0
n	12	12	12	12	12	12

Ease of removal from cage) -1: Atypically docile, 0: Easy, 1: Some resistance/avoidance, 2: Difficult, 3: Very difficult
Fur condition) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Normal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Normal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Normal, 1: Half opened pupil, 2: Mydriasis
Salivation) 0: None, 1: Slight, 2: Moderate, 3: Marked
Abnormal respiration) 0: None, 1: Slight, 2: Moderate, 3: Severe
Vocalization) 0: None, 1: Soft, 2: Moderate, 3: Loud/aggressive
Reactivity to handling) -1: Atypically docile, 0: Easy, 1: Slightly awkward, 2: Awkward, 3: Very Awkward
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

In-the-hand observation Period : F0 before mating
Generation : F0 Sex : Male Week : 2 Dose : EHOEE 100 mg/kg Species : Rat

Animal No.	Ease of removal from cage	Fur condition	Skin	Secretions-Eye, Nose	Exophthalmos	Palpebral closure	Mucosal membranes	Lacrimation
2001	0	0	0	0	0	0	0	0
2002	0	0	0	0	0	0	0	0
2003	0	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	0	0
2005	0	0	0	0	0	0	0	0
2006	0	0	0	0	0	0	0	0
2007	0	0	0	0	0	0	0	0
2008	0	0	0	0	0	0	0	0
2009	0	0	0	0	0	0	0	0
2010	0	0	0	0	0	0	0	0
2011	0	0	0	0	0	0	0	0
2012	0	0	0	0	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Piloerection	Pupil size	Salivation	Abnormal respiration	Vocalization	Reactivity to handling
2001	0	0	0	0	0	0
2002	0	0	0	0	0	0
2003	0	0	0	0	0	0
2004	0	0	0	0	0	0
2005	0	0	0	0	0	0
2006	0	0	0	0	0	0
2007	0	0	0	0	0	0
2008	0	0	0	0	0	0
2009	0	0	0	0	0	0
2010	0	0	0	0	0	0
2011	0	0	0	0	0	0
2012	0	0	0	0	0	0
n	12	12	12	12	12	12

Ease of removal from cage) -1: Atypically docile, 0: Easy, 1: Some resistance/avoidance, 2: Difficult, 3: Very difficult
Fur condition) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Normal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Normal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Normal, 1: Half opened pupil, 2: Mydriasis
Salivation) 0: None, 1: Slight, 2: Moderate, 3: Marked
Abnormal respiration) 0: None, 1: Slight, 2: Moderate, 3: Severe
Vocalization) 0: None, 1: Soft, 2: Moderate, 3: Loud/aggressive
Reactivity to handling) -1: Atypically docile, 0: Easy, 1: Slightly awkward, 2: Awkward, 3: Very Awkward
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

In-the-hand observation

Generation : F0 Sex : Male Week : 2 Period : F0 before mating Dose : EHOEE 300 mg/kg Species : Rat

Animal No.	Ease of removal from cage	Fur condition	Skin	Secretions-Eye, Nose	Exophthalmos	Palpebral closure	Mucosal membranes	Lacrimation
3001	0	0	0	0	0	0	0	0
3002	0	0	0	0	0	0	0	0
3003	0	0	0	0	0	0	0	0
3004	0	0	0	0	0	0	0	0
3005	0	0	0	0	0	0	0	0
3006	0	0	0	0	0	0	0	0
3007	0	0	0	0	0	0	0	0
3008	0	0	0	0	0	0	0	0
3009	0	0	0	0	0	0	0	0
3010	0	0	0	0	0	0	0	0
3011	0	0	0	0	0	0	0	0
3012	0	0	0	0	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Piloerection	Pupil size	Salivation	Abnormal respiration	Vocalization	Reactivity to handling
3001	0	0	0	0	0	0
3002	0	0	0	0	0	0
3003	0	0	0	0	0	0
3004	0	0	0	0	0	0
3005	0	0	0	0	0	0
3006	0	0	0	0	0	0
3007	0	0	0	0	0	0
3008	0	0	0	0	0	0
3009	0	0	0	0	0	0
3010	0	0	0	0	0	0
3011	0	0	0	0	0	0
3012	0	0	0	0	0	0
n	12	12	12	12	12	12

Ease of removal from cage) -1: Atypically docile, 0: Easy, 1: Some resistance/avoidance, 2: Difficult, 3: Very difficult
Fur condition) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Normal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Normal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Normal, 1: Half opened pupil, 2: Mydriasis
Salivation) 0: None, 1: Slight, 2: Moderate, 3: Marked
Abnormal respiration) 0: None, 1: Slight, 2: Moderate, 3: Severe
Vocalization) 0: None, 1: Soft, 2: Moderate, 3: Loud/aggressive
Reactivity to handling) -1: Atypically docile, 0: Easy, 1: Slightly awkward, 2: Awkward, 3: Very Awkward
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

In-the-hand observation

Generation : F0 Sex : Male Week : 2 Period : F0 before mating Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	Ease of remov-al from cage	Fur condition	Skin	Secretions-Eye, Nose	Exophthalmos	Palpebral closure	Mucosal membranes	Lacrimation
4001	0	0	0	0	0	0	0	0
4002	0	0	0	0	0	0	0	0
4003	0	0	0	0	0	0	0	0
4004	0	0	0	0	0	0	0	0
4005	0	0	0	0	0	0	0	0
4006	0	0	0	0	0	0	0	0
4007	0	0	0	0	0	0	0	0
4008	0	0	0	0	0	0	0	0
4009	0	0	0	0	0	0	0	0
4010	0	0	0	0	0	0	0	0
4011	0	0	0	0	0	0	0	0
4012	0	0	0	0	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Piloerection	Pupil size	Salivation	Abnormal respiration	Vocalization	Reactivity to handling
4001	0	0	0	0	0	0
4002	0	0	0	0	0	0
4003	0	0	0	0	0	0
4004	0	0	0	0	0	0
4005	0	0	0	0	0	0
4006	0	0	0	0	0	0
4007	0	0	0	0	0	0
4008	0	0	0	0	0	0
4009	0	0	0	0	0	0
4010	0	0	0	0	0	0
4011	0	0	0	0	0	0
4012	0	0	0	0	0	0
n	12	12	12	12	12	12

Ease of removal from cage) -1: Atypically docile, 0: Easy, 1: Some resistance/avoidance, 2: Difficult, 3: Very difficult
Fur condition) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Normal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Normal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Normal, 1: Half opened pupil, 2: Mydriasis
Salivation) 0: None, 1: Slight, 2: Moderate, 3: Marked
Abnormal respiration) 0: None, 1: Slight, 2: Moderate, 3: Severe
Vocalization) 0: None, 1: Soft, 2: Moderate, 3: Loud/aggressive
Reactivity to handling) -1: Atypically docile, 0: Easy, 1: Slightly awkward, 2: Awkward, 3: Very Awkward
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

In-the-hand observation

Generation : F0 Sex : Male Week : 3 Period : F0 mating

Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	Ease of removal from cage	Fur condition	Skin	Secretions-Eye, Nose	Exophthalmos	Palpebral closure	Mucosal membranes	Lacrimation
1001	0	0	0	0	0	0	0	0
1002	0	0	0	0	0	0	0	0
1003	0	0	0	0	0	0	0	0
1004	0	0	0	0	0	0	0	0
1005	0	0	0	0	0	0	0	0
1006	0	0	0	0	0	0	0	0
1007	0	0	0	0	0	0	0	0
1008	0	0	0	0	0	0	0	0
1009	0	0	0	0	0	0	0	0
1010	0	0	0	0	0	0	0	0
1011	0	0	0	0	0	0	0	0
1012	0	0	0	0	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Piloerection	Pupil size	Salivation	Abnormal respiration	Vocalization	Reactivity to handling
1001	0	0	0	0	0	0
1002	0	0	0	0	0	0
1003	0	0	0	0	0	0
1004	0	0	0	0	0	0
1005	0	0	0	0	0	0
1006	0	0	0	0	0	0
1007	0	0	0	0	0	0
1008	0	0	0	0	0	0
1009	0	0	0	0	0	0
1010	0	0	0	0	0	0
1011	0	0	0	0	0	0
1012	0	0	0	0	0	0
n	12	12	12	12	12	12

Ease of removal from cage) -1: Atypically docile, 0: Easy, 1: Some resistance/avoidance, 2: Difficult, 3: Very difficult
Fur condition) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Normal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Normal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Normal, 1: Half opened pupil, 2: Mydriasis
Salivation) 0: None, 1: Slight, 2: Moderate, 3: Marked
Abnormal respiration) 0: None, 1: Slight, 2: Moderate, 3: Severe
Vocalization) 0: None, 1: Soft, 2: Moderate, 3: Loud/aggressive
Reactivity to handling) -1: Atypically docile, 0: Easy, 1: Slightly awkward, 2: Awkward, 3: Very Awkward
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

In-the-hand observation
Generation : F0 Sex : Male Week : 3 Period : F0 mating
Dose : EHOEE 100 mg/kg Species : Rat

Animal No.	Ease of removal from cage	Fur condition	Skin	Secretions-Eye, Nose	Exophthalmos	Palpebral closure	Mucosal membranes	Lacrimation
2001	0	0	0	0	0	0	0	0
2002	0	0	0	0	0	0	0	0
2003	0	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	0	0
2005	0	0	0	0	0	0	0	0
2006	0	0	0	0	0	0	0	0
2007	0	0	0	0	0	0	0	0
2008	0	0	0	0	0	0	0	0
2009	0	0	0	0	0	0	0	0
2010	0	0	0	0	0	0	0	0
2011	0	0	0	0	0	0	0	0
2012	0	0	0	0	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Piloerection	Pupil size	Salivation	Abnormal respiration	Vocalization	Reactivity to handling
2001	0	0	0	0	0	0
2002	0	0	0	0	0	0
2003	0	0	0	0	0	0
2004	0	0	0	0	0	0
2005	0	0	0	0	0	0
2006	0	0	0	0	0	0
2007	0	0	0	0	0	0
2008	0	0	0	0	0	0
2009	0	0	0	0	0	0
2010	0	0	0	0	0	0
2011	0	0	0	0	0	0
2012	0	0	0	0	0	0
n	12	12	12	12	12	12

Ease of removal from cage) -1: Atypically docile, 0: Easy, 1: Some resistance/avoidance, 2: Difficult, 3: Very difficult
Fur condition) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Normal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Normal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Normal, 1: Half opened pupil, 2: Mydriasis
Salivation) 0: None, 1: Slight, 2: Moderate, 3: Marked
Abnormal respiration) 0: None, 1: Slight, 2: Moderate, 3: Severe
Vocalization) 0: None, 1: Soft, 2: Moderate, 3: Loud/aggressive
Reactivity to handling) -1: Atypically docile, 0: Easy, 1: Slightly awkward, 2: Awkward, 3: Very Awkward
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

In-the-hand observation

Generation : F0 Sex : Male Week : 3 Period : F0 mating Dose : EHOEE 300 mg/kg Species : Rat

Animal No.	Ease of removal from cage	Fur condition	Skin	Secretions-Eye, Nose	Exophthalmos	Palpebral closure	Mucosal membranes	Lacrimation
3001	0	0	0	0	0	0	0	0
3002	0	0	0	0	0	0	0	0
3003	0	0	0	0	0	0	0	0
3004	0	0	0	0	0	0	0	0
3005	0	0	0	0	0	0	0	0
3006	0	0	0	0	0	0	0	0
3007	0	0	0	0	0	0	0	0
3008	0	0	0	0	0	0	0	0
3009	0	0	0	0	0	0	0	0
3010	0	0	0	0	0	0	0	0
3011	0	0	0	0	0	0	0	0
3012	0	0	0	0	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Piloerection	Pupil size	Salivation	Abnormal respiration	Vocalization	Reactivity to handling
3001	0	0	0	0	0	0
3002	0	0	0	0	0	0
3003	0	0	0	0	0	0
3004	0	0	0	0	0	0
3005	0	0	0	0	0	0
3006	0	0	0	0	0	0
3007	0	0	0	0	0	0
3008	0	0	0	0	0	0
3009	0	0	0	0	0	0
3010	0	0	0	0	0	0
3011	0	0	0	0	0	0
3012	0	0	0	0	0	0
n	12	12	12	12	12	12

Ease of removal from cage) -1: Atypically docile, 0: Easy, 1: Some resistance/avoidance, 2: Difficult, 3: Very difficult
Fur condition) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Normal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Normal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Normal, 1: Half opened pupil, 2: Mydriasis
Salivation) 0: None, 1: Slight, 2: Moderate, 3: Marked
Abnormal respiration) 0: None, 1: Slight, 2: Moderate, 3: Severe
Vocalization) 0: None, 1: Soft, 2: Moderate, 3: Loud/aggressive
Reactivity to handling) -1: Atypically docile, 0: Easy, 1: Slightly awkward, 2: Awkward, 3: Very Awkward
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

In-the-hand observation

Generation : F0 Sex : Male Week : 3 Period : F0 mating Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	Ease of removal from cage	Fur condition	Skin	Secretions-Eye, Nose	Exophthalmos	Palpebral closure	Mucosal membranes	Lacrimation
4001	0	0	0	0	0	0	0	0
4002	0	0	0	0	0	0	0	0
4003	0	0	0	0	0	0	0	0
4004	0	0	0	0	0	0	0	0
4005	0	0	0	0	0	0	0	0
4006	0	0	0	0	0	0	0	0
4007	0	0	0	0	0	0	0	0
4008	0	0	0	0	0	0	0	0
4009	0	0	0	0	0	0	0	0
4010	0	0	0	0	0	0	0	0
4011	0	0	0	0	0	0	0	0
4012	0	0	0	0	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Piloerection	Pupil size	Salivation	Abnormal respiration	Vocalization	Reactivity to handling
4001	0	0	0	0	0	0
4002	0	0	0	0	0	0
4003	0	0	0	0	0	0
4004	0	0	0	0	0	0
4005	0	0	0	0	0	0
4006	0	0	0	0	0	0
4007	0	0	0	0	0	0
4008	0	0	0	0	0	0
4009	0	0	0	0	0	0
4010	0	0	0	0	0	0
4011	0	0	0	0	0	0
4012	0	0	0	0	0	0
n	12	12	12	12	12	12

Ease of removal from cage) -1: Atypically docile, 0: Easy, 1: Some resistance/avoidance, 2: Difficult, 3: Very difficult
Fur condition) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Normal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Normal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Normal, 1: Half opened pupil, 2: Mydriasis
Salivation) 0: None, 1: Slight, 2: Moderate, 3: Marked
Abnormal respiration) 0: None, 1: Slight, 2: Moderate, 3: Severe
Vocalization) 0: None, 1: Soft, 2: Moderate, 3: Loud/aggressive
Reactivity to handling) -1: Atypically docile, 0: Easy, 1: Slightly awkward, 2: Awkward, 3: Very Awkward
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

In-the-hand observation

Generation : F0 Sex : Male Week : 4 Period : F0 mating Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	Ease of removal from cage	Fur condition	Skin	Secretions-Eye, Nose	Exophthalmos	Palpebral closure	Mucosal membranes	Lacrimation
1001	0	0	0	0	0	0	0	0
1002	0	0	0	0	0	0	0	0
1003	0	0	0	0	0	0	0	0
1004	0	0	0	0	0	0	0	0
1005	0	0	0	0	0	0	0	0
1006	0	0	0	0	0	0	0	0
1007	0	0	0	0	0	0	0	0
1008	0	0	0	0	0	0	0	0
1009	0	0	0	0	0	0	0	0
1010	0	0	0	0	0	0	0	0
1011	0	0	0	0	0	0	0	0
1012	0	0	0	0	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Piloerection	Pupil size	Salivation	Abnormal respiration	Vocalization	Reactivity to handling
1001	0	0	0	0	0	0
1002	0	0	0	0	0	0
1003	0	0	0	0	0	0
1004	0	0	0	0	0	0
1005	0	0	0	0	0	0
1006	0	0	0	0	0	0
1007	0	0	0	0	0	0
1008	0	0	0	0	0	0
1009	0	0	0	0	0	0
1010	0	0	0	0	0	0
1011	0	0	0	0	0	0
1012	0	0	0	0	0	0
n	12	12	12	12	12	12

Ease of removal from cage) -1: Atypically docile, 0: Easy, 1: Some resistance/avoidance, 2: Difficult, 3: Very difficult
Fur condition) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Normal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Normal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Normal, 1: Half opened pupil, 2: Mydriasis
Salivation) 0: None, 1: Slight, 2: Moderate, 3: Marked
Abnormal respiration) 0: None, 1: Slight, 2: Moderate, 3: Severe
Vocalization) 0: None, 1: Soft, 2: Moderate, 3: Loud/aggressive
Reactivity to handling) -1: Atypically docile, 0: Easy, 1: Slightly awkward, 2: Awkward, 3: Very Awkward
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

In-the-hand observation

Generation : F0 Sex : Male Week : 4 Period : F0 mating Dose : EHOEE 100 mg/kg Species : Rat

Animal No.	Ease of removal from cage	Fur condition	Skin	Secretions-Eye, Nose	Exophthalmos	Palpebral closure	Mucosal membranes	Lacrimation
2001	0	0	0	0	0	0	0	0
2002	0	0	0	0	0	0	0	0
2003	0	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	0	0
2005	0	0	0	0	0	0	0	0
2006	0	0	0	0	0	0	0	0
2007	0	0	0	0	0	0	0	0
2008	0	0	0	0	0	0	0	0
2009	0	0	0	0	0	0	0	0
2010	0	0	0	0	0	0	0	0
2011	0	0	0	0	0	0	0	0
2012	0	0	0	0	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Piloerection	Pupil size	Salivation	Abnormal respiration	Vocalization	Reactivity to handling
2001	0	0	0	0	0	0
2002	0	0	0	0	0	0
2003	0	0	0	0	0	0
2004	0	0	0	0	0	0
2005	0	0	0	0	0	0
2006	0	0	0	0	0	0
2007	0	0	0	0	0	0
2008	0	0	0	0	0	0
2009	0	0	0	0	0	0
2010	0	0	0	0	0	0
2011	0	0	0	0	0	0
2012	0	0	0	0	0	0
n	12	12	12	12	12	12

Ease of removal from cage) -1: Atypically docile, 0: Easy, 1: Some resistance/avoidance, 2: Difficult, 3: Very difficult
Fur condition) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Normal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Normal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Normal, 1: Half opened pupil, 2: Mydriasis
Salivation) 0: None, 1: Slight, 2: Moderate, 3: Marked
Abnormal respiration) 0: None, 1: Slight, 2: Moderate, 3: Severe
Vocalization) 0: None, 1: Soft, 2: Moderate, 3: Loud/aggressive
Reactivity to handling) -1: Atypically docile, 0: Easy, 1: Slightly awkward, 2: Awkward, 3: Very Awkward
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

In-the-hand observation

Generation : F0 Sex : Male Week : 4 Period : F0 mating Dose : EHOEE 300 mg/kg Species : Rat

Animal No.	Ease of removal from cage	Fur condition	Skin	Secretions-Eye, Nose	Exophthalmos	Palpebral closure	Mucosal membranes	Lacrimation
3001	0	0	0	0	0	0	0	0
3002	0	0	0	0	0	0	0	0
3003	0	0	0	0	0	0	0	0
3004	0	0	0	0	0	0	0	0
3005	0	0	0	0	0	0	0	0
3006	0	0	0	0	0	0	0	0
3007	0	0	0	0	0	0	0	0
3008	0	0	0	0	0	0	0	0
3009	0	0	0	0	0	0	0	0
3010	0	0	0	0	0	0	0	0
3011	0	0	0	0	0	0	0	0
3012	0	0	0	0	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Piloerection	Pupil size	Salivation	Abnormal respiration	Vocalization	Reactivity to handling
3001	0	0	0	0	0	0
3002	0	0	0	0	0	0
3003	0	0	0	0	0	0
3004	0	0	0	0	0	0
3005	0	0	0	0	0	0
3006	0	0	0	0	0	0
3007	0	0	0	0	0	0
3008	0	0	0	0	0	0
3009	0	0	0	0	0	0
3010	0	0	0	0	0	0
3011	0	0	0	0	0	0
3012	0	0	0	0	0	0
n	12	12	12	12	12	12

Ease of removal from cage) -1: Atypically docile, 0: Easy, 1: Some resistance/avoidance, 2: Difficult, 3: Very difficult
Fur condition) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Normal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Normal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Normal, 1: Half opened pupil, 2: Mydriasis
Salivation) 0: None, 1: Slight, 2: Moderate, 3: Marked
Abnormal respiration) 0: None, 1: Slight, 2: Moderate, 3: Severe
Vocalization) 0: None, 1: Soft, 2: Moderate, 3: Loud/aggressive
Reactivity to handling) -1: Atypically docile, 0: Easy, 1: Slightly awkward, 2: Awkward, 3: Very Awkward
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

In-the-hand observation

Generation : F0 Sex : Male Week : 4 Period : F0 mating

Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	Ease of removal from cage	Fur condition	Skin	Secretions-Eye, Nose	Exophthalmos	Palpebral closure	Mucosal membranes	Lacrimation
4001	0	0	0	0	0	0	0	0
4002	0	0	0	0	0	0	0	0
4003	0	0	0	0	0	0	0	0
4004	0	0	0	0	0	0	0	0
4005	0	0	0	0	0	0	0	0
4006	0	0	0	0	0	0	0	0
4007	0	0	0	0	0	0	0	0
4008	0	0	0	0	0	0	0	0
4009	0	0	0	0	0	0	0	0
4010	0	0	0	0	0	0	0	0
4011	0	0	0	0	0	0	0	0
4012	0	0	0	0	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Piloerection	Pupil size	Salivation	Abnormal respiration	Vocalization	Reactivity to handling
4001	0	0	0	0	0	0
4002	0	0	0	0	0	0
4003	0	0	0	0	0	0
4004	0	0	0	0	0	0
4005	0	0	0	0	0	0
4006	0	0	0	0	0	0
4007	0	0	0	0	0	0
4008	0	0	0	0	0	0
4009	0	0	0	0	0	0
4010	0	0	0	0	0	0
4011	0	0	0	0	0	0
4012	0	0	0	0	0	0
n	12	12	12	12	12	12

Ease of removal from cage) -1: Atypically docile, 0: Easy, 1: Some resistance/avoidance, 2: Difficult, 3: Very difficult
Fur condition) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Normal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Normal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Normal, 1: Half opened pupil, 2: Mydriasis
Salivation) 0: None, 1: Slight, 2: Moderate, 3: Marked
Abnormal respiration) 0: None, 1: Slight, 2: Moderate, 3: Severe
Vocalization) 0: None, 1: Soft, 2: Moderate, 3: Loud/aggressive
Reactivity to handling) -1: Atypically docile, 0: Easy, 1: Slightly awkward, 2: Awkward, 3: Very Awkward
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

In-the-hand observation

Generation : F0 Sex : Male Week : 5 Period : F0 mating Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	Ease of removal from cage	Fur condition	Skin	Secretions-Eye, Nose	Exophthalmos	Palpebral closure	Mucosal membranes	Lacrimation
1001	0	0	0	0	0	0	0	0
1002	0	0	0	0	0	0	0	0
1003	0	0	0	0	0	0	0	0
1004	0	0	0	0	0	0	0	0
1005	0	0	0	0	0	0	0	0
1006	0	0	0	0	0	0	0	0
1007	0	0	0	0	0	0	0	0
1008	0	0	0	0	0	0	0	0
1009	0	0	0	0	0	0	0	0
1010	0	0	0	0	0	0	0	0
1011	0	0	0	0	0	0	0	0
1012	0	0	0	0	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Piloerection	Pupil size	Salivation	Abnormal respiration	Vocalization	Reactivity to handling
1001	0	0	0	0	0	0
1002	0	0	0	0	0	0
1003	0	0	0	0	0	0
1004	0	0	0	0	0	0
1005	0	0	0	0	0	0
1006	0	0	0	0	0	0
1007	0	0	0	0	0	0
1008	0	0	0	0	0	0
1009	0	0	0	0	0	0
1010	0	0	0	0	0	0
1011	0	0	0	0	0	0
1012	0	0	0	0	0	0
n	12	12	12	12	12	12

Ease of removal from cage) -1: Atypically docile, 0: Easy, 1: Some resistance/avoidance, 2: Difficult, 3: Very difficult
Fur condition) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Normal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Normal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Normal, 1: Half opened pupil, 2: Mydriasis
Salivation) 0: None, 1: Slight, 2: Moderate, 3: Marked
Abnormal respiration) 0: None, 1: Slight, 2: Moderate, 3: Severe
Vocalization) 0: None, 1: Soft, 2: Moderate, 3: Loud/aggressive
Reactivity to handling) -1: Atypically docile, 0: Easy, 1: Slightly awkward, 2: Awkward, 3: Very Awkward
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

In-the-hand observation

Generation : F0 Sex : Male Week : 5 Period : F0 mating Dose : EHOEE 100 mg/kg Species : Rat

Animal No.	Ease of removal from cage	Fur condition	Skin	Secretions-Eye, Nose	Exophthalmos	Palpebral closure	Mucosal membranes	Lacrimation
2001	0	0	0	0	0	0	0	0
2002	0	0	0	0	0	0	0	0
2003	0	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	0	0
2005	0	0	0	0	0	0	0	0
2006	0	0	0	0	0	0	0	0
2007	0	0	0	0	0	0	0	0
2008	0	0	0	0	0	0	0	0
2009	0	0	0	0	0	0	0	0
2010	0	0	0	0	0	0	0	0
2011	0	0	0	0	0	0	0	0
2012	0	0	0	0	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Piloerection	Pupil size	Salivation	Abnormal respiration	Vocalization	Reactivity to handling
2001	0	0	0	0	0	0
2002	0	0	0	0	0	0
2003	0	0	0	0	0	0
2004	0	0	0	0	0	0
2005	0	0	0	0	0	0
2006	0	0	0	0	0	0
2007	0	0	0	0	0	0
2008	0	0	0	0	0	0
2009	0	0	0	0	0	0
2010	0	0	0	0	0	0
2011	0	0	0	0	0	0
2012	0	0	0	0	0	0
n	12	12	12	12	12	12

Ease of removal from cage) -1: Atypically docile, 0: Easy, 1: Some resistance/avoidance, 2: Difficult, 3: Very difficult
Fur condition) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Normal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Normal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Normal, 1: Half opened pupil, 2: Mydriasis
Salivation) 0: None, 1: Slight, 2: Moderate, 3: Marked
Abnormal respiration) 0: None, 1: Slight, 2: Moderate, 3: Severe
Vocalization) 0: None, 1: Soft, 2: Moderate, 3: Loud/aggressive
Reactivity to handling) -1: Atypically docile, 0: Easy, 1: Slightly awkward, 2: Awkward, 3: Very Awkward
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

In-the-hand observation
Generation : F0 Sex : Male Week : 5 Period : F0 mating
Dose : EHOEE 300 mg/kg Species : Rat

Animal No.	Ease of removal from cage	Fur condition	Skin	Secretions-Eye, Nose	Exophthalmos	Palpebral closure	Mucosal membranes	Lacrimation
3001	0	0	0	0	0	0	0	0
3002	0	0	0	0	0	0	0	0
3003	0	0	0	0	0	0	0	0
3004	0	0	0	0	0	0	0	0
3005	0	0	0	0	0	0	0	0
3006	0	0	0	0	0	0	0	0
3007	0	0	0	0	0	0	0	0
3008	0	0	0	0	0	0	0	0
3009	0	0	0	0	0	0	0	0
3010	0	0	0	0	0	0	0	0
3011	0	0	0	0	0	0	0	0
3012	0	0	0	0	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Piloerection	Pupil size	Salivation	Abnormal respiration	Vocalization	Reactivity to handling
3001	0	0	0	0	0	0
3002	0	0	0	0	0	0
3003	0	0	0	0	0	0
3004	0	0	0	0	0	0
3005	0	0	0	0	0	0
3006	0	0	0	0	0	0
3007	0	0	0	0	0	0
3008	0	0	0	0	0	0
3009	0	0	0	0	0	0
3010	0	0	0	0	0	0
3011	0	0	0	0	0	0
3012	0	0	0	0	0	0
n	12	12	12	12	12	12

Ease of removal from cage) -1: Atypically docile, 0: Easy, 1: Some resistance/avoidance, 2: Difficult, 3: Very difficult
Fur condition) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Normal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Normal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Normal, 1: Half opened pupil, 2: Mydriasis
Salivation) 0: None, 1: Slight, 2: Moderate, 3: Marked
Abnormal respiration) 0: None, 1: Slight, 2: Moderate, 3: Severe
Vocalization) 0: None, 1: Soft, 2: Moderate, 3: Loud/aggressive
Reactivity to handling) -1: Atypically docile, 0: Easy, 1: Slightly awkward, 2: Awkward, 3: Very Awkward
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

In-the-hand observation
Generation : F0 Sex : Male Week : 5 Period : F0 mating
Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	Ease of removal from cage	Fur condition	Skin	Secretions-Eye, Nose	Exophthalmos	Palpebral closure	Mucosal membranes	Lacrimation
4001	0	0	0	0	0	0	0	0
4002	0	0	0	0	0	0	0	0
4003	0	0	0	0	0	0	0	0
4004	0	0	0	0	0	0	0	0
4005	0	0	0	0	0	0	0	0
4006	0	0	0	0	0	0	0	0
4007	0	0	0	0	0	0	0	0
4008	0	0	0	0	0	0	0	0
4009	0	0	0	0	0	0	0	0
4010	0	0	0	0	0	0	0	0
4011	0	0	0	0	0	0	0	0
4012	0	0	0	0	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Piloerection	Pupil size	Salivation	Abnormal respiration	Vocalization	Reactivity to handling
4001	0	0	0	0	0	0
4002	0	0	0	0	0	0
4003	0	0	0	0	0	0
4004	0	0	0	0	0	0
4005	0	0	0	0	0	0
4006	0	0	0	0	0	0
4007	0	0	0	0	0	0
4008	0	0	0	0	0	0
4009	0	0	0	0	0	0
4010	0	0	0	0	0	0
4011	0	0	0	0	0	0
4012	0	0	0	0	0	0
n	12	12	12	12	12	12

Ease of removal from cage) -1: Atypically docile, 0: Easy, 1: Some resistance/avoidance, 2: Difficult, 3: Very difficult
Fur condition) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Normal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Normal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Normal, 1: Half opened pupil, 2: Mydriasis
Salivation) 0: None, 1: Slight, 2: Moderate, 3: Marked
Abnormal respiration) 0: None, 1: Slight, 2: Moderate, 3: Severe
Vocalization) 0: None, 1: Soft, 2: Moderate, 3: Loud/aggressive
Reactivity to handling) -1: Atypically docile, 0: Easy, 1: Slightly awkward, 2: Awkward, 3: Very Awkward
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

In-the-hand observation
Generation : F0 Sex : Male Week : 6 Period : F0 mating
Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	Ease of removal from cage	Fur condition	Skin	Secretions-Eye, Nose	Exophthalmos	Palpebral closure	Mucosal membranes	Lacrimation
1001	0	0	0	0	0	0	0	0
1002	0	0	0	0	0	0	0	0
1003	0	0	0	0	0	0	0	0
1004	0	0	0	0	0	0	0	0
1005	0	0	0	0	0	0	0	0
1006	0	0	0	0	0	0	0	0
1007	0	0	0	0	0	0	0	0
1008	0	0	0	0	0	0	0	0
1009	0	0	0	0	0	0	0	0
1010	0	0	0	0	0	0	0	0
1011	0	0	0	0	0	0	0	0
1012	0	0	0	0	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Piloerection	Pupil size	Salivation	Abnormal respiration	Vocalization	Reactivity to handling
1001	0	0	0	0	0	0
1002	0	0	0	0	0	0
1003	0	0	0	0	0	0
1004	0	0	0	0	0	0
1005	0	0	0	0	0	0
1006	0	0	0	0	0	0
1007	0	0	0	0	0	0
1008	0	0	0	0	0	0
1009	0	0	0	0	0	0
1010	0	0	0	0	0	0
1011	0	0	0	0	0	0
1012	0	0	0	0	0	0
n	12	12	12	12	12	12

Ease of removal from cage) -1: Atypically docile, 0: Easy, 1: Some resistance/avoidance, 2: Difficult, 3: Very difficult
Fur condition) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Normal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Normal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Normal, 1: Half opened pupil, 2: Mydriasis
Salivation) 0: None, 1: Slight, 2: Moderate, 3: Marked
Abnormal respiration) 0: None, 1: Slight, 2: Moderate, 3: Severe
Vocalization) 0: None, 1: Soft, 2: Moderate, 3: Loud/aggressive
Reactivity to handling) -1: Atypically docile, 0: Easy, 1: Slightly awkward, 2: Awkward, 3: Very Awkward
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

In-the-hand observation
Generation : F0 Sex : Male Week : 6 Period : F0 mating
Dose : EHOEE 100 mg/kg Species : Rat

Animal No.	Ease of removal from cage	Fur condition	Skin	Secretions-Eye, Nose	Exophthalmos	Palpebral closure	Mucosal membranes	Lacrimation
2001	0	0	0	0	0	0	0	0
2002	0	0	0	0	0	0	0	0
2003	0	0	0	0	0	0	0	0
2004	0	0	0	0	0	0	0	0
2005	0	0	0	0	0	0	0	0
2006	0	0	0	0	0	0	0	0
2007	0	0	0	0	0	0	0	0
2008	0	0	0	0	0	0	0	0
2009	0	0	0	0	0	0	0	0
2010	0	0	0	0	0	0	0	0
2011	0	0	0	0	0	0	0	0
2012	0	0	0	0	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Piloerection	Pupil size	Salivation	Abnormal respiration	Vocalization	Reactivity to handling
2001	0	0	0	0	0	0
2002	0	0	0	0	0	0
2003	0	0	0	0	0	0
2004	0	0	0	0	0	0
2005	0	0	0	0	0	0
2006	0	0	0	0	0	0
2007	0	0	0	0	0	0
2008	0	0	0	0	0	0
2009	0	0	0	0	0	0
2010	0	0	0	0	0	0
2011	0	0	0	0	0	0
2012	0	0	0	0	0	0
n	12	12	12	12	12	12

Ease of removal from cage) -1: Atypically docile, 0: Easy, 1: Some resistance/avoidance, 2: Difficult, 3: Very difficult
Fur condition) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Normal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Normal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Normal, 1: Half opened pupil, 2: Mydriasis
Salivation) 0: None, 1: Slight, 2: Moderate, 3: Marked
Abnormal respiration) 0: None, 1: Slight, 2: Moderate, 3: Severe
Vocalization) 0: None, 1: Soft, 2: Moderate, 3: Loud/aggressive
Reactivity to handling) -1: Atypically docile, 0: Easy, 1: Slightly awkward, 2: Awkward, 3: Very Awkward
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

In-the-hand observation

Generation : F0 Sex : Male Week : 6 Period : F0 mating Dose : EHOEE 300 mg/kg Species : Rat

Animal No.	Ease of removal from cage	Fur condition	Skin	Secretions-Eye, Nose	Exophthalmos	Palpebral closure	Mucosal membranes	Lacrimation
3001	0	0	0	0	0	0	0	0
3002	0	0	0	0	0	0	0	0
3003	0	0	0	0	0	0	0	0
3004	0	0	0	0	0	0	0	0
3005	0	0	0	0	0	0	0	0
3006	0	0	0	0	0	0	0	0
3007	0	0	0	0	0	0	0	0
3008	0	0	0	0	0	0	0	0
3009	0	0	0	0	0	0	0	0
3010	0	0	0	0	0	0	0	0
3011	0	0	0	0	0	0	0	0
3012	0	0	0	0	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Piloerection	Pupil size	Salivation	Abnormal respiration	Vocalization	Reactivity to handling
3001	0	0	0	0	0	0
3002	0	0	0	0	0	0
3003	0	0	0	0	0	0
3004	0	0	0	0	0	0
3005	0	0	0	0	0	0
3006	0	0	0	0	0	0
3007	0	0	0	0	0	0
3008	0	0	0	0	0	0
3009	0	0	0	0	0	0
3010	0	0	0	0	0	0
3011	0	0	0	0	0	0
3012	0	0	0	0	0	0
n	12	12	12	12	12	12

Ease of removal from cage) -1: Atypically docile, 0: Easy, 1: Some resistance/avoidance, 2: Difficult, 3: Very difficult
Fur condition) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Normal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Normal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Normal, 1: Half opened pupil, 2: Mydriasis
Salivation) 0: None, 1: Slight, 2: Moderate, 3: Marked
Abnormal respiration) 0: None, 1: Slight, 2: Moderate, 3: Severe
Vocalization) 0: None, 1: Soft, 2: Moderate, 3: Loud/aggressive
Reactivity to handling) -1: Atypically docile, 0: Easy, 1: Slightly awkward, 2: Awkward, 3: Very Awkward
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

In-the-hand observation

Generation : F0 Sex : Male Week : 6 Period : F0 mating

Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	Ease of removal from cage	Fur condition	Skin	Secretions-Eye, Nose	Exophthalmos	Palpebral closure	Mucosal membranes	Lacrimation
4001	0	0	0	0	0	0	0	0
4002	0	0	0	0	0	0	0	0
4003	0	0	0	0	0	0	0	0
4004	0	0	0	0	0	0	0	0
4005	0	0	0	0	0	0	0	0
4006	0	0	0	0	0	0	0	0
4007	0	0	0	0	0	0	0	0
4008	0	0	0	0	0	0	0	0
4009	0	0	0	0	0	0	0	0
4010	0	0	0	0	0	0	0	0
4011	0	0	0	0	0	0	0	0
4012	0	0	0	0	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Piloerection	Pupil size	Salivation	Abnormal respiration	Vocalization	Reactivity to handling
4001	0	0	0	0	0	0
4002	0	0	0	0	0	0
4003	0	0	0	0	0	0
4004	0	0	0	0	0	0
4005	0	0	0	0	0	0
4006	0	0	0	0	0	0
4007	0	0	0	0	0	0
4008	0	0	0	0	0	0
4009	0	0	0	0	0	0
4010	0	0	0	0	0	0
4011	0	0	0	0	0	0
4012	0	0	0	0	0	0
n	12	12	12	12	12	12

Ease of removal from cage) -1: Atypically docile, 0: Easy, 1: Some resistance/avoidance, 2: Difficult, 3: Very difficult
Fur condition) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Normal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Normal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Normal, 1: Half opened pupil, 2: Mydriasis
Salivation) 0: None, 1: Slight, 2: Moderate, 3: Marked
Abnormal respiration) 0: None, 1: Slight, 2: Moderate, 3: Severe
Vocalization) 0: None, 1: Soft, 2: Moderate, 3: Loud/aggressive
Reactivity to handling) -1: Atypically docile, 0: Easy, 1: Slightly awkward, 2: Awkward, 3: Very Awkward
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

In-the-hand observation Period : F0 before mating
Generation : F0 Sex : Female Week : 1 Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	Ease of removal from cage	Fur condition	Skin	Secretions-Eye, Nose	Exophthalmos	Palpebral closure	Mucosal membranes	Lacrimation
1101	0	0	0	0	0	0	0	0
1102	0	0	0	0	0	0	0	0
1103	0	0	0	0	0	0	0	0
1104	0	0	0	0	0	0	0	0
1105	0	0	0	0	0	0	0	0
1106	0	0	0	0	0	0	0	0
1107	0	0	0	0	0	0	0	0
1108	0	0	0	0	0	0	0	0
1109	0	0	0	0	0	0	0	0
1110	0	0	0	0	0	0	0	0
1111	0	0	0	0	0	0	0	0
1112	0	0	0	0	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Piloerection	Pupil size	Salivation	Abnormal respiration	Vocalization	Reactivity to handling
1101	0	0	0	0	0	0
1102	0	0	0	0	0	0
1103	0	0	0	0	0	0
1104	0	0	0	0	0	0
1105	0	0	0	0	0	0
1106	0	0	0	0	0	0
1107	0	0	0	0	0	0
1108	0	0	0	0	0	0
1109	0	0	0	0	0	0
1110	0	0	0	0	0	0
1111	0	0	0	0	0	0
1112	0	0	0	0	0	0
n	12	12	12	12	12	12

Ease of removal from cage) -1: Atypically docile, 0: Easy, 1: Some resistance/avoidance, 2: Difficult, 3: Very difficult
Fur condition) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Normal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Normal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Normal, 1: Half opened pupil, 2: Mydriasis
Salivation) 0: None, 1: Slight, 2: Moderate, 3: Marked
Abnormal respiration) 0: None, 1: Slight, 2: Moderate, 3: Severe
Vocalization) 0: None, 1: Soft, 2: Moderate, 3: Loud/aggressive
Reactivity to handling) -1: Atypically docile, 0: Easy, 1: Slightly awkward, 2: Awkward, 3: Very Awkward
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

In-the-hand observation Period : F0 before mating
Generation : F0 Sex : Female Week : 1 Dose : EHOEE 100 mg/kg Species : Rat

Animal No.	Ease of removal from cage	Fur condition	Skin	Secretions-Eye, Nose	Exophthalmos	Palpebral closure	Mucosal membranes	Lacrimation
2101	0	0	0	0	0	0	0	0
2102	0	0	0	0	0	0	0	0
2103	0	0	0	0	0	0	0	0
2104	0	0	0	0	0	0	0	0
2105	0	0	0	0	0	0	0	0
2106	0	0	0	0	0	0	0	0
2107	0	0	0	0	0	0	0	0
2108	0	0	0	0	0	0	0	0
2109	0	0	0	0	0	0	0	0
2110	0	0	0	0	0	0	0	0
2111	0	0	0	0	0	0	0	0
2112	0	0	0	0	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Piloerection	Pupil size	Salivation	Abnormal respiration	Vocalization	Reactivity to handling
2101	0	0	0	0	0	0
2102	0	0	0	0	0	0
2103	0	0	0	0	0	0
2104	0	0	0	0	0	0
2105	0	0	0	0	0	0
2106	0	0	0	0	0	0
2107	0	0	0	0	0	0
2108	0	0	0	0	0	0
2109	0	0	0	0	0	0
2110	0	0	0	0	0	0
2111	0	0	0	0	0	0
2112	0	0	0	0	0	0
n	12	12	12	12	12	12

Ease of removal from cage) -1: Atypically docile, 0: Easy, 1: Some resistance/avoidance, 2: Difficult, 3: Very difficult
Fur condition) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Normal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Normal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Normal, 1: Half opened pupil, 2: Mydriasis
Salivation) 0: None, 1: Slight, 2: Moderate, 3: Marked
Abnormal respiration) 0: None, 1: Slight, 2: Moderate, 3: Severe
Vocalization) 0: None, 1: Soft, 2: Moderate, 3: Loud/aggressive
Reactivity to handling) -1: Atypically docile, 0: Easy, 1: Slightly awkward, 2: Awkward, 3: Very Awkward
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

In-the-hand observation

Generation : F0 Sex : Female Week : 1 Period : F0 before mating Dose : EHOEE 300 mg/kg Species : Rat

Animal No.	Ease of remov-al from cage	Fur condition	Skin	Secretions-Eye, Nose	Exophthalmos	Palpebral closure	Mucosal membranes	Lacrimation
3101	0	0	0	0	0	0	0	0
3102	0	0	0	0	0	0	0	0
3103	0	0	0	0	0	0	0	0
3104	0	0	0	0	0	0	0	0
3105	0	0	0	0	0	0	0	0
3106	0	0	0	0	0	0	0	0
3107	0	0	0	0	0	0	0	0
3108	0	0	0	0	0	0	0	0
3109	0	0	0	0	0	0	0	0
3110	0	0	0	0	0	0	0	0
3111	0	0	0	0	0	0	0	0
3112	0	0	0	0	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Piloerection	Pupil size	Salivation	Abnormal respiration	Vocalization	Reactivity to handling
3101	0	0	0	0	0	0
3102	0	0	0	0	0	0
3103	0	0	0	0	0	0
3104	0	0	0	0	0	0
3105	0	0	0	0	0	0
3106	0	0	0	0	0	0
3107	0	0	0	0	0	0
3108	0	0	0	0	0	0
3109	0	0	0	0	0	0
3110	0	0	0	0	0	0
3111	0	0	0	0	0	0
3112	0	0	0	0	0	0
n	12	12	12	12	12	12

Ease of removal from cage) -1: Atypically docile, 0: Easy, 1: Some resistance/avoidance, 2: Difficult, 3: Very difficult
Fur condition) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Normal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Normal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Normal, 1: Half opened pupil, 2: Mydriasis
Salivation) 0: None, 1: Slight, 2: Moderate, 3: Marked
Abnormal respiration) 0: None, 1: Slight, 2: Moderate, 3: Severe
Vocalization) 0: None, 1: Soft, 2: Moderate, 3: Loud/aggressive
Reactivity to handling) -1: Atypically docile, 0: Easy, 1: Slightly awkward, 2: Awkward, 3: Very Awkward
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

In-the-hand observation
Generation : F0 Sex : Female Week : 1 Period : F0 before mating
Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	Ease of remov-al from cage	Fur condition	Skin	Secretions-Eye, Nose	Exophthalmos	Palpebral closure	Mucosal membranes	Lacrimation
4101	0	0	0	0	0	0	0	0
4102	0	0	0	0	0	0	0	0
4103	0	0	0	0	0	0	0	0
4104	0	0	0	0	0	0	0	0
4105	0	0	0	0	0	0	0	0
4106	0	0	0	0	0	0	0	0
4107	0	0	0	0	0	0	0	0
4108	0	0	0	0	0	0	0	0
4109	0	0	0	0	0	0	0	0
4110	0	0	0	0	0	0	0	0
4111	0	0	0	0	0	0	0	0
4112	0	0	0	0	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Piloerection	Pupil size	Salivation	Abnormal respiration	Vocalization	Reactivity to handling
4101	0	0	0	0	0	0
4102	0	0	0	0	0	0
4103	0	0	0	0	0	0
4104	0	0	0	0	0	0
4105	0	0	0	0	0	0
4106	0	0	0	0	0	0
4107	0	0	0	0	0	0
4108	0	0	0	0	0	0
4109	0	0	0	0	0	0
4110	0	0	0	0	0	0
4111	0	0	0	0	0	0
4112	0	0	0	0	0	0
n	12	12	12	12	12	12

Ease of removal from cage) -1: Atypically docile, 0: Easy, 1: Some resistance/avoidance, 2: Difficult, 3: Very difficult
Fur condition) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Normal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Normal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Normal, 1: Half opened pupil, 2: Mydriasis
Salivation) 0: None, 1: Slight, 2: Moderate, 3: Marked
Abnormal respiration) 0: None, 1: Slight, 2: Moderate, 3: Severe
Vocalization) 0: None, 1: Soft, 2: Moderate, 3: Loud/aggressive
Reactivity to handling) -1: Atypically docile, 0: Easy, 1: Slightly awkward, 2: Awkward, 3: Very Awkward
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

In-the-hand observation
Generation : F0 Sex : Female Week : 2 Period : F0 before mating
Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	Ease of removal from cage	Fur condition	Skin	Secretions-Eye, Nose	Exophthalmos	Palpebral closure	Mucosal membranes	Lacrimation
1101	0	0	0	0	0	0	0	0
1102	0	0	0	0	0	0	0	0
1103	0	0	0	0	0	0	0	0
1104	0	0	0	0	0	0	0	0
1105	0	0	0	0	0	0	0	0
1106	0	0	0	0	0	0	0	0
1107	0	0	0	0	0	0	0	0
1108	0	0	0	0	0	0	0	0
1109	0	0	0	0	0	0	0	0
1110	0	0	0	0	0	0	0	0
1111	0	0	0	0	0	0	0	0
1112	0	0	0	0	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Piloerection	Pupil size	Salivation	Abnormal respiration	Vocalization	Reactivity to handling
1101	0	0	0	0	0	0
1102	0	0	0	0	0	0
1103	0	0	0	0	0	0
1104	0	0	0	0	0	0
1105	0	0	0	0	0	0
1106	0	0	0	0	0	0
1107	0	0	0	0	0	0
1108	0	0	0	0	0	0
1109	0	0	0	0	0	0
1110	0	0	0	0	0	0
1111	0	0	0	0	0	0
1112	0	0	0	0	0	0
n	12	12	12	12	12	12

Ease of removal from cage) -1: Atypically docile, 0: Easy, 1: Some resistance/avoidance, 2: Difficult, 3: Very difficult
Fur condition) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Normal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Normal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Normal, 1: Half opened pupil, 2: Mydriasis
Salivation) 0: None, 1: Slight, 2: Moderate, 3: Marked
Abnormal respiration) 0: None, 1: Slight, 2: Moderate, 3: Severe
Vocalization) 0: None, 1: Soft, 2: Moderate, 3: Loud/aggressive
Reactivity to handling) -1: Atypically docile, 0: Easy, 1: Slightly awkward, 2: Awkward, 3: Very Awkward
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

In-the-hand observation

Generation : F0 Sex : Female Week : 2 Period : F0 before mating Dose : EHOEE 100 mg/kg Species : Rat

Animal No.	Ease of removal from cage	Fur condition	Skin	Secretions-Eye, Nose	Exophthalmos	Palpebral closure	Mucosal membranes	Lacrimation
2101	0	0	0	0	0	0	0	0
2102	0	0	0	0	0	0	0	0
2103	0	0	0	0	0	0	0	0
2104	0	0	0	0	0	0	0	0
2105	0	0	0	0	0	0	0	0
2106	0	0	0	0	0	0	0	0
2107	0	0	0	0	0	0	0	0
2108	0	0	0	0	0	0	0	0
2109	0	0	0	0	0	0	0	0
2110	0	0	0	0	0	0	0	0
2111	0	0	0	0	0	0	0	0
2112	0	0	0	0	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Piloerection	Pupil size	Salivation	Abnormal respiration	Vocalization	Reactivity to handling
2101	0	0	0	0	0	0
2102	0	0	0	0	0	0
2103	0	0	0	0	0	0
2104	0	0	0	0	0	0
2105	0	0	0	0	0	0
2106	0	0	0	0	0	0
2107	0	0	0	0	0	0
2108	0	0	0	0	0	0
2109	0	0	0	0	0	0
2110	0	0	0	0	0	0
2111	0	0	0	0	0	0
2112	0	0	0	0	0	0
n	12	12	12	12	12	12

Ease of removal from cage) -1: Atypically docile, 0: Easy, 1: Some resistance/avoidance, 2: Difficult, 3: Very difficult
Fur condition) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Normal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Normal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Normal, 1: Half opened pupil, 2: Mydriasis
Salivation) 0: None, 1: Slight, 2: Moderate, 3: Marked
Abnormal respiration) 0: None, 1: Slight, 2: Moderate, 3: Severe
Vocalization) 0: None, 1: Soft, 2: Moderate, 3: Loud/aggressive
Reactivity to handling) -1: Atypically docile, 0: Easy, 1: Slightly awkward, 2: Awkward, 3: Very Awkward
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

In-the-hand observation Period : F0 before mating
Generation : F0 Sex : Female Week : 2 Dose : EHOEE 300 mg/kg Species : Rat

Animal No.	Ease of removal from cage	Fur condition	Skin	Secretions-Eye, Nose	Exophthalmos	Palpebral closure	Mucosal membranes	Lacrimation
3101	0	0	0	0	0	0	0	0
3102	0	0	0	0	0	0	0	0
3103	0	0	0	0	0	0	0	0
3104	0	0	0	0	0	0	0	0
3105	0	0	0	0	0	0	0	0
3106	0	0	0	0	0	0	0	0
3107	0	0	0	0	0	0	0	0
3108	0	0	0	0	0	0	0	0
3109	0	0	0	0	0	0	0	0
3110	0	0	0	0	0	0	0	0
3111	0	0	0	0	0	0	0	0
3112	0	0	0	0	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Piloerection	Pupil size	Salivation	Abnormal respiration	Vocalization	Reactivity to handling
3101	0	0	0	0	0	0
3102	0	0	0	0	0	0
3103	0	0	0	0	0	0
3104	0	0	0	0	0	0
3105	0	0	0	0	0	0
3106	0	0	0	0	0	0
3107	0	0	0	0	0	0
3108	0	0	0	0	0	0
3109	0	0	0	0	0	0
3110	0	0	0	0	0	0
3111	0	0	0	0	0	0
3112	0	0	0	0	0	0
n	12	12	12	12	12	12

Ease of removal from cage) -1: Atypically docile, 0: Easy, 1: Some resistance/avoidance, 2: Difficult, 3: Very difficult
Fur condition) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Normal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Normal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Normal, 1: Half opened pupil, 2: Mydriasis
Salivation) 0: None, 1: Slight, 2: Moderate, 3: Marked
Abnormal respiration) 0: None, 1: Slight, 2: Moderate, 3: Severe
Vocalization) 0: None, 1: Soft, 2: Moderate, 3: Loud/aggressive
Reactivity to handling) -1: Atypically docile, 0: Easy, 1: Slightly awkward, 2: Awkward, 3: Very Awkward
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

In-the-hand observation

Generation : F0 Sex : Female Week : 2 Period : F0 before mating Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	Ease of removal from cage	Fur condition	Skin	Secretions-Eye, Nose	Exophthalmos	Palpebral closure	Mucosal membranes	Lacrimation
4101	0	0	0	0	0	0	0	0
4102	0	0	0	0	0	0	0	0
4103	0	0	0	0	0	0	0	0
4104	0	0	0	0	0	0	0	0
4105	0	0	0	0	0	0	0	0
4106	0	0	0	0	0	0	0	0
4107	0	0	0	0	0	0	0	0
4108	0	0	0	0	0	0	0	0
4109	0	0	0	0	0	0	0	0
4110	0	0	0	0	0	0	0	0
4111	0	0	0	0	0	0	0	0
4112	0	0	0	0	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Piloerection	Pupil size	Salivation	Abnormal respiration	Vocalization	Reactivity to handling
4101	0	0	0	0	0	0
4102	0	0	0	0	0	0
4103	0	0	0	0	0	0
4104	0	0	0	0	0	0
4105	0	0	0	0	0	0
4106	0	0	0	0	0	0
4107	0	0	0	0	0	0
4108	0	0	0	0	0	0
4109	0	0	0	0	0	0
4110	0	0	0	0	0	0
4111	0	0	0	0	0	0
4112	0	0	0	0	0	0
n	12	12	12	12	12	12

Ease of removal from cage) -1: Atypically docile, 0: Easy, 1: Some resistance/avoidance, 2: Difficult, 3: Very difficult
Fur condition) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Normal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Normal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Normal, 1: Half opened pupil, 2: Mydriasis
Salivation) 0: None, 1: Slight, 2: Moderate, 3: Marked
Abnormal respiration) 0: None, 1: Slight, 2: Moderate, 3: Severe
Vocalization) 0: None, 1: Soft, 2: Moderate, 3: Loud/aggressive
Reactivity to handling) -1: Atypically docile, 0: Easy, 1: Slightly awkward, 2: Awkward, 3: Very Awkward
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

In-the-hand observation

Generation : F0 Sex : Female Day : 1 Period : F0 gestation Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	Ease of removal from cage	Fur condition	Skin	Secretions-Eye, Nose	Exophthalmos	Palpebral closure	Mucosal membranes	Lacrimation
1101	0	0	0	0	0	0	0	0
1102	0	0	0	0	0	0	0	0
1103	0	0	0	0	0	0	0	0
1104	0	0	0	0	0	0	0	0
1105	0	0	0	0	0	0	0	0
1107	0	0	0	0	0	0	0	0
1108	0	0	0	0	0	0	0	0
1109	0	0	0	0	0	0	0	0
1110	0	0	0	0	0	0	0	0
1111	0	0	0	0	0	0	0	0
1112	0	0	0	0	0	0	0	0
n	11	11	11	11	11	11	11	11

Animal No.	Piloerection	Pupil size	Salivation	Abnormal respiration	Vocalization	Reactivity to handling
1101	0	0	0	0	0	0
1102	0	0	0	0	0	0
1103	0	0	0	0	0	0
1104	0	0	0	0	0	0
1105	0	0	0	0	0	0
1107	0	0	0	0	0	0
1108	0	0	0	0	0	0
1109	0	0	0	0	0	0
1110	0	0	0	0	0	0
1111	0	0	0	0	0	0
1112	0	0	0	0	0	0
n	11	11	11	11	11	11

Ease of removal from cage) -1: Atypically docile, 0: Easy, 1: Some resistance/avoidance, 2: Difficult, 3: Very difficult
Fur condition) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Normal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Normal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Normal, 1: Half opened pupil, 2: Mydriasis
Salivation) 0: None, 1: Slight, 2: Moderate, 3: Marked
Abnormal respiration) 0: None, 1: Slight, 2: Moderate, 3: Severe
Vocalization) 0: None, 1: Soft, 2: Moderate, 3: Loud/aggressive
Reactivity to handling) -1: Atypically docile, 0: Easy, 1: Slightly awkward, 2: Awkward, 3: Very Awkward
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

In-the-hand observation

Generation : F0 Sex : Female Day : 1 Period : F0 gestation Dose : EHOEE 100 mg/kg Species : Rat

Animal No.	Ease of removal from cage	Fur condition	Skin	Secretions-Eye, Nose	Exophthalmos	Palpebral closure	Mucosal membranes	Lacrimation
2101	0	0	0	0	0	0	0	0
2102	0	0	0	0	0	0	0	0
2103	0	0	0	0	0	0	0	0
2104	0	0	0	0	0	0	0	0
2105	0	0	0	0	0	0	0	0
2106	0	0	0	0	0	0	0	0
2107	0	0	0	0	0	0	0	0
2108	0	0	0	0	0	0	0	0
2109	0	0	0	0	0	0	0	0
2110	0	0	0	0	0	0	0	0
2111	0	0	0	0	0	0	0	0
2112	0	0	0	0	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Piloerection	Pupil size	Salivation	Abnormal respiration	Vocalization	Reactivity to handling
2101	0	0	0	0	0	0
2102	0	0	0	0	0	0
2103	0	0	0	0	0	0
2104	0	0	0	0	0	0
2105	0	0	0	0	0	0
2106	0	0	0	0	0	0
2107	0	0	0	0	0	0
2108	0	0	0	0	0	0
2109	0	0	0	0	0	0
2110	0	0	0	0	0	0
2111	0	0	0	0	0	0
2112	0	0	0	0	0	0
n	12	12	12	12	12	12

Ease of removal from cage) -1: Atypically docile, 0: Easy, 1: Some resistance/avoidance, 2: Difficult, 3: Very difficult
Fur condition) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Normal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Normal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Normal, 1: Half opened pupil, 2: Mydriasis
Salivation) 0: None, 1: Slight, 2: Moderate, 3: Marked
Abnormal respiration) 0: None, 1: Slight, 2: Moderate, 3: Severe
Vocalization) 0: None, 1: Soft, 2: Moderate, 3: Loud/aggressive
Reactivity to handling) -1: Atypically docile, 0: Easy, 1: Slightly awkward, 2: Awkward, 3: Very Awkward
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

In-the-hand observation

Generation : F0 Sex : Female Day : 1 Period : F0 gestation Dose : EHOEE 300 mg/kg Species : Rat

Animal No.	Ease of removal from cage	Fur condition	Skin	Secretions-Eye, Nose	Exophthalmos	Palpebral closure	Mucosal membranes	Lacrimation
3101	0	0	0	0	0	0	0	0
3102	0	0	0	0	0	0	0	0
3103	0	0	0	0	0	0	0	0
3104	0	0	0	0	0	0	0	0
3105	0	0	0	0	0	0	0	0
3106	0	0	0	0	0	0	0	0
3107	0	0	0	0	0	0	0	0
3108	0	0	0	0	0	0	0	0
3109	0	0	0	0	0	0	0	0
3110	0	0	0	0	0	0	0	0
3111	0	0	0	0	0	0	0	0
3112	0	0	0	0	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Piloerection	Pupil size	Salivation	Abnormal respiration	Vocalization	Reactivity to handling
3101	0	0	0	0	0	0
3102	0	0	0	0	0	0
3103	0	0	0	0	0	0
3104	0	0	0	0	0	0
3105	0	0	0	0	0	0
3106	0	0	0	0	0	0
3107	0	0	0	0	0	0
3108	0	0	0	0	0	0
3109	0	0	0	0	0	0
3110	0	0	0	0	0	0
3111	0	0	0	0	0	0
3112	0	0	0	0	0	0
n	12	12	12	12	12	12

Ease of removal from cage) -1: Atypically docile, 0: Easy, 1: Some resistance/avoidance, 2: Difficult, 3: Very difficult
Fur condition) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Normal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Normal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Normal, 1: Half opened pupil, 2: Mydriasis
Salivation) 0: None, 1: Slight, 2: Moderate, 3: Marked
Abnormal respiration) 0: None, 1: Slight, 2: Moderate, 3: Severe
Vocalization) 0: None, 1: Soft, 2: Moderate, 3: Loud/aggressive
Reactivity to handling) -1: Atypically docile, 0: Easy, 1: Slightly awkward, 2: Awkward, 3: Very Awkward
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

In-the-hand observation

Generation : F0 Sex : Female Day : 1 Period : F0 gestation

Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	Ease of remov-al from cage	Fur condition	Skin	Secretions-Eye, Nose	Exophthalmos	Palpebral closure	Mucosal membranes	Lacrimation
4101	0	0	0	0	0	0	0	0
4102	0	0	0	0	0	0	0	0
4103	0	0	0	0	0	0	0	0
4104	0	0	0	0	0	0	0	0
4105	0	0	0	0	0	0	0	0
4106	0	0	0	0	0	0	0	0
4107	0	0	0	0	0	0	0	0
4108	0	0	0	0	0	0	0	0
4109	0	0	0	0	0	0	0	0
4110	0	0	0	0	0	0	0	0
4111	0	0	0	0	0	0	0	0
4112	0	0	0	0	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Piloerection	Pupil size	Salivation	Abnormal respiration	Vocalization	Reactivity to handling
4101	0	0	0	0	0	0
4102	0	0	0	0	0	0
4103	0	0	0	0	0	0
4104	0	0	0	0	0	0
4105	0	0	0	0	0	0
4106	0	0	0	0	0	0
4107	0	0	0	0	0	0
4108	0	0	0	0	0	0
4109	0	0	0	0	0	0
4110	0	0	0	0	0	0
4111	0	0	0	0	0	0
4112	0	0	0	0	0	0
n	12	12	12	12	12	12

Ease of removal from cage) -1: Atypically docile, 0: Easy, 1: Some resistance/avoidance, 2: Difficult, 3: Very difficult
Fur condition) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Normal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Normal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Normal, 1: Half opened pupil, 2: Mydriasis
Salivation) 0: None, 1: Slight, 2: Moderate, 3: Marked
Abnormal respiration) 0: None, 1: Slight, 2: Moderate, 3: Severe
Vocalization) 0: None, 1: Soft, 2: Moderate, 3: Loud/aggressive
Reactivity to handling) -1: Atypically docile, 0: Easy, 1: Slightly awkward, 2: Awkward, 3: Very Awkward
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

In-the-hand observation

Generation : F0 Sex : Female Day : 7 Period : F0 gestation Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	Ease of removal from cage	Fur condition	Skin	Secretions-Eye, Nose	Exophthalmos	Palpebral closure	Mucosal membranes	Lacrimation
1101	0	0	0	0	0	0	0	0
1102	0	0	0	0	0	0	0	0
1103	0	0	0	0	0	0	0	0
1104	0	0	0	0	0	0	0	0
1105	0	0	0	0	0	0	0	0
1107	0	0	0	0	0	0	0	0
1108	0	0	0	0	0	0	0	0
1109	0	0	0	0	0	0	0	0
1110	0	0	0	0	0	0	0	0
1111	0	0	0	0	0	0	0	0
1112	0	0	0	0	0	0	0	0
n	11	11	11	11	11	11	11	11

Animal No.	Piloerection	Pupil size	Salivation	Abnormal respiration	Vocalization	Reactivity to handling
1101	0	0	0	0	0	0
1102	0	0	0	0	0	0
1103	0	0	0	0	0	0
1104	0	0	0	0	0	0
1105	0	0	0	0	0	0
1107	0	0	0	0	0	0
1108	0	0	0	0	0	0
1109	0	0	0	0	0	0
1110	0	0	0	0	0	0
1111	0	0	0	0	0	0
1112	0	0	0	0	0	0
n	11	11	11	11	11	11

Ease of removal from cage) -1: Atypically docile, 0: Easy, 1: Some resistance/avoidance, 2: Difficult, 3: Very difficult
Fur condition) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Normal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Normal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Normal, 1: Half opened pupil, 2: Mydriasis
Salivation) 0: None, 1: Slight, 2: Moderate, 3: Marked
Abnormal respiration) 0: None, 1: Slight, 2: Moderate, 3: Severe
Vocalization) 0: None, 1: Soft, 2: Moderate, 3: Loud/aggressive
Reactivity to handling) -1: Atypically docile, 0: Easy, 1: Slightly awkward, 2: Awkward, 3: Very Awkward
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

In-the-hand observation Period : F0 gestation
Generation : F0 Sex : Female Day : 7 Dose : EHOEE 100 mg/kg Species : Rat

Animal No.	Ease of removal from cage	Fur condition	Skin	Secretions-Eye, Nose	Exophthalmos	Palpebral closure	Mucosal membranes	Lacrimation
2101	0	0	0	0	0	0	0	0
2102	0	0	0	0	0	0	0	0
2103	0	0	0	0	0	0	0	0
2104	0	0	0	0	0	0	0	0
2105	0	0	0	0	0	0	0	0
2106	0	0	0	0	0	0	0	0
2107	0	0	0	0	0	0	0	0
2108	0	0	0	0	0	0	0	0
2109	0	0	0	0	0	0	0	0
2110	0	0	0	0	0	0	0	0
2111	0	0	0	0	0	0	0	0
2112	0	0	0	0	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Piloerection	Pupil size	Salivation	Abnormal respiration	Vocalization	Reactivity to handling
2101	0	0	0	0	0	0
2102	0	0	0	0	0	0
2103	0	0	0	0	0	0
2104	0	0	0	0	0	0
2105	0	0	0	0	0	0
2106	0	0	0	0	0	0
2107	0	0	0	0	0	0
2108	0	0	0	0	0	0
2109	0	0	0	0	0	0
2110	0	0	0	0	0	0
2111	0	0	0	0	0	0
2112	0	0	0	0	0	0
n	12	12	12	12	12	12

Ease of removal from cage) -1: Atypically docile, 0: Easy, 1: Some resistance/avoidance, 2: Difficult, 3: Very difficult
Fur condition) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Normal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Normal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Normal, 1: Half opened pupil, 2: Mydriasis
Salivation) 0: None, 1: Slight, 2: Moderate, 3: Marked
Abnormal respiration) 0: None, 1: Slight, 2: Moderate, 3: Severe
Vocalization) 0: None, 1: Soft, 2: Moderate, 3: Loud/aggressive
Reactivity to handling) -1: Atypically docile, 0: Easy, 1: Slightly awkward, 2: Awkward, 3: Very Awkward
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

In-the-hand observation Period : F0 gestation
Generation : F0 Sex : Female Day : 7 Dose : EHOEE 300 mg/kg Species : Rat

Animal No.	Ease of removal from cage	Fur condition	Skin	Secretions-Eye, Nose	Exophthalmos	Palpebral closure	Mucosal membranes	Lacrimation
3101	0	0	0	0	0	0	0	0
3102	0	0	0	0	0	0	0	0
3103	0	0	0	0	0	0	0	0
3104	0	0	0	0	0	0	0	0
3105	0	0	0	0	0	0	0	0
3106	0	0	0	0	0	0	0	0
3107	0	0	0	0	0	0	0	0
3108	0	0	0	0	0	0	0	0
3109	0	0	0	0	0	0	0	0
3110	0	0	0	0	0	0	0	0
3111	0	0	0	0	0	0	0	0
3112	0	0	0	0	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Piloerection	Pupil size	Salivation	Abnormal respiration	Vocalization	Reactivity to handling
3101	0	0	0	0	0	0
3102	0	0	0	0	0	0
3103	0	0	0	0	0	0
3104	0	0	0	0	0	0
3105	0	0	0	0	0	0
3106	0	0	0	0	0	0
3107	0	0	0	0	0	0
3108	0	0	0	0	0	0
3109	0	0	0	0	0	0
3110	0	0	0	0	0	0
3111	0	0	0	0	0	0
3112	0	0	0	0	0	0
n	12	12	12	12	12	12

Ease of removal from cage) -1: Atypically docile, 0: Easy, 1: Some resistance/avoidance, 2: Difficult, 3: Very difficult
Fur condition) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Normal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Normal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Normal, 1: Half opened pupil, 2: Mydriasis
Salivation) 0: None, 1: Slight, 2: Moderate, 3: Marked
Abnormal respiration) 0: None, 1: Slight, 2: Moderate, 3: Severe
Vocalization) 0: None, 1: Soft, 2: Moderate, 3: Loud/aggressive
Reactivity to handling) -1: Atypically docile, 0: Easy, 1: Slightly awkward, 2: Awkward, 3: Very Awkward
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

In-the-hand observation

Period : F0 gestation

Generation : F0 Sex : Female Day : 7 Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	Ease of removal from cage	Fur condition	Skin	Secretions-Eye, Nose	Exophthalmos	Palpebral closure	Mucosal membranes	Lacrimation
4101	0	0	0	0	0	0	0	0
4102	0	0	0	0	0	0	0	0
4103	0	0	0	0	0	0	0	0
4104	0	0	0	0	0	0	0	0
4105	0	0	0	0	0	0	0	0
4106	0	0	0	0	0	0	0	0
4107	0	0	0	0	0	0	0	0
4108	0	0	0	0	0	0	0	0
4109	0	0	0	0	0	0	0	0
4110	0	0	0	0	0	0	0	0
4111	0	0	0	0	0	0	0	0
4112	0	0	0	0	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Piloerection	Pupil size	Salivation	Abnormal respiration	Vocalization	Reactivity to handling
4101	0	0	0	0	0	0
4102	0	0	0	0	0	0
4103	0	0	0	0	0	0
4104	0	0	0	0	0	0
4105	0	0	0	0	0	0
4106	0	0	0	0	0	0
4107	0	0	0	0	0	0
4108	0	0	0	0	0	0
4109	0	0	0	0	0	0
4110	0	0	0	0	0	0
4111	0	0	0	0	0	0
4112	0	0	0	0	0	0
n	12	12	12	12	12	12

Ease of removal from cage) -1: Atypically docile, 0: Easy, 1: Some resistance/avoidance, 2: Difficult, 3: Very difficult
Fur condition) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Normal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Normal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Normal, 1: Half opened pupil, 2: Mydriasis
Salivation) 0: None, 1: Slight, 2: Moderate, 3: Marked
Abnormal respiration) 0: None, 1: Slight, 2: Moderate, 3: Severe
Vocalization) 0: None, 1: Soft, 2: Moderate, 3: Loud/aggressive
Reactivity to handling) -1: Atypically docile, 0: Easy, 1: Slightly awkward, 2: Awkward, 3: Very Awkward
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

In-the-hand observation

Generation : F0 Sex : Female Day : 14 Period : F0 gestation Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	Ease of removal from cage	Fur condition	Skin	Secretions-Eye, Nose	Exophthalmos	Palpebral closure	Mucosal membranes	Lacrimation
1101	0	0	0	0	0	0	0	0
1102	0	0	0	0	0	0	0	0
1103	0	0	0	0	0	0	0	0
1104	0	0	0	0	0	0	0	0
1105	0	0	0	0	0	0	0	0
1107	0	0	0	0	0	0	0	0
1108	0	0	0	0	0	0	0	0
1109	0	0	0	0	0	0	0	0
1110	0	0	0	0	0	0	0	0
1111	0	0	0	0	0	0	0	0
1112	0	0	0	0	0	0	0	0
n	11	11	11	11	11	11	11	11

Animal No.	Piloerection	Pupil size	Salivation	Abnormal respiration	Vocalization	Reactivity to handling
1101	0	0	0	0	0	0
1102	0	0	0	0	0	0
1103	0	0	0	0	0	0
1104	0	0	0	0	0	0
1105	0	0	0	0	0	0
1107	0	0	0	0	0	0
1108	0	0	0	0	0	0
1109	0	0	0	0	0	0
1110	0	0	0	0	0	0
1111	0	0	0	0	0	0
1112	0	0	0	0	0	0
n	11	11	11	11	11	11

Ease of removal from cage) -1: Atypically docile, 0: Easy, 1: Some resistance/avoidance, 2: Difficult, 3: Very difficult
Fur condition) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Normal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Normal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Normal, 1: Half opened pupil, 2: Mydriasis
Salivation) 0: None, 1: Slight, 2: Moderate, 3: Marked
Abnormal respiration) 0: None, 1: Slight, 2: Moderate, 3: Severe
Vocalization) 0: None, 1: Soft, 2: Moderate, 3: Loud/aggressive
Reactivity to handling) -1: Atypically docile, 0: Easy, 1: Slightly awkward, 2: Awkward, 3: Very Awkward
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

In-the-hand observation Period : F0 gestation
Generation : F0 Sex : Female Day : 14 Dose : EHOEE 100 mg/kg Species : Rat

Animal No.	Ease of removal from cage	Fur condition	Skin	Secretions-Eye, Nose	Exophthalmos	Palpebral closure	Mucosal membranes	Lacrimation
2101	0	0	0	0	0	0	0	0
2102	0	0	0	0	0	0	0	0
2103	0	0	0	0	0	0	0	0
2104	0	0	0	0	0	0	0	0
2105	0	0	0	0	0	0	0	0
2106	0	0	0	0	0	0	0	0
2107	0	0	0	0	0	0	0	0
2108	0	0	0	0	0	0	0	0
2109	0	0	0	0	0	0	0	0
2110	0	0	0	0	0	0	0	0
2111	0	0	0	0	0	0	0	0
2112	0	0	0	0	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Piloerection	Pupil size	Salivation	Abnormal respiration	Vocalization	Reactivity to handling
2101	0	0	0	0	0	0
2102	0	0	0	0	0	0
2103	0	0	0	0	0	0
2104	0	0	0	0	0	0
2105	0	0	0	0	0	0
2106	0	0	0	0	0	0
2107	0	0	0	0	0	0
2108	0	0	0	0	0	0
2109	0	0	0	0	0	0
2110	0	0	0	0	0	0
2111	0	0	0	0	0	0
2112	0	0	0	0	0	0
n	12	12	12	12	12	12

Ease of removal from cage) -1: Atypically docile, 0: Easy, 1: Some resistance/avoidance, 2: Difficult, 3: Very difficult
Fur condition) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Normal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Normal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Normal, 1: Half opened pupil, 2: Mydriasis
Salivation) 0: None, 1: Slight, 2: Moderate, 3: Marked
Abnormal respiration) 0: None, 1: Slight, 2: Moderate, 3: Severe
Vocalization) 0: None, 1: Soft, 2: Moderate, 3: Loud/aggressive
Reactivity to handling) -1: Atypically docile, 0: Easy, 1: Slightly awkward, 2: Awkward, 3: Very Awkward
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

In-the-hand observation

Generation : F0 Sex : Female Day : 14 Period : F0 gestation Dose : EHOEE 300 mg/kg Species : Rat

Animal No.	Ease of removal from cage	Fur condition	Skin	Secretions-Eye, Nose	Exophthalmos	Palpebral closure	Mucosal membranes	Lacrimation
3101	0	0	0	0	0	0	0	0
3102	0	0	0	0	0	0	0	0
3103	0	0	0	0	0	0	0	0
3104	0	0	0	0	0	0	0	0
3105	0	0	0	0	0	0	0	0
3106	0	0	0	0	0	0	0	0
3107	0	0	0	0	0	0	0	0
3108	0	0	0	0	0	0	0	0
3109	0	0	0	0	0	0	0	0
3110	0	0	0	0	0	0	0	0
3111	0	0	0	0	0	0	0	0
3112	0	0	0	0	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Piloerection	Pupil size	Salivation	Abnormal respiration	Vocalization	Reactivity to handling
3101	0	0	0	0	0	0
3102	0	0	0	0	0	0
3103	0	0	0	0	0	0
3104	0	0	0	0	0	0
3105	0	0	0	0	0	0
3106	0	0	0	0	0	0
3107	0	0	0	0	0	0
3108	0	0	0	0	0	0
3109	0	0	0	0	0	0
3110	0	0	0	0	0	0
3111	0	0	0	0	0	0
3112	0	0	0	0	0	0
n	12	12	12	12	12	12

Ease of removal from cage) -1: Atypically docile, 0: Easy, 1: Some resistance/avoidance, 2: Difficult, 3: Very difficult
Fur condition) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Normal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Normal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Normal, 1: Half opened pupil, 2: Mydriasis
Salivation) 0: None, 1: Slight, 2: Moderate, 3: Marked
Abnormal respiration) 0: None, 1: Slight, 2: Moderate, 3: Severe
Vocalization) 0: None, 1: Soft, 2: Moderate, 3: Loud/aggressive
Reactivity to handling) -1: Atypically docile, 0: Easy, 1: Slightly awkward, 2: Awkward, 3: Very Awkward
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

In-the-hand observation

Generation : F0 Sex : Female Day : 14 Period : F0 gestation Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	Ease of removal from cage	Fur condition	Skin	Secretions-Eye, Nose	Exophthalmos	Palpebral closure	Mucosal membranes	Lacrimation
4101	0	0	0	0	0	0	0	0
4102	0	0	0	0	0	0	0	0
4103	0	0	0	0	0	0	0	0
4104	0	0	0	0	0	0	0	0
4105	0	0	0	0	0	0	0	0
4106	0	0	0	0	0	0	0	0
4107	0	0	0	0	0	0	0	0
4108	0	0	0	0	0	0	0	0
4109	0	0	0	0	0	0	0	0
4110	0	0	0	0	0	0	0	0
4111	0	0	0	0	0	0	0	0
4112	0	0	0	0	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Piloerection	Pupil size	Salivation	Abnormal respiration	Vocalization	Reactivity to handling
4101	0	0	0	0	0	0
4102	0	0	0	0	0	0
4103	0	0	0	0	0	0
4104	0	0	0	0	0	0
4105	0	0	0	0	0	0
4106	0	0	0	0	0	0
4107	0	0	0	0	0	0
4108	0	0	0	0	0	0
4109	0	0	0	0	0	0
4110	0	0	0	0	0	0
4111	0	0	0	0	0	0
4112	0	0	0	0	0	0
n	12	12	12	12	12	12

Ease of removal from cage) -1: Atypically docile, 0: Easy, 1: Some resistance/avoidance, 2: Difficult, 3: Very difficult
Fur condition) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Normal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Normal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Normal, 1: Half opened pupil, 2: Mydriasis
Salivation) 0: None, 1: Slight, 2: Moderate, 3: Marked
Abnormal respiration) 0: None, 1: Slight, 2: Moderate, 3: Severe
Vocalization) 0: None, 1: Soft, 2: Moderate, 3: Loud/aggressive
Reactivity to handling) -1: Atypically docile, 0: Easy, 1: Slightly awkward, 2: Awkward, 3: Very Awkward
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

In-the-hand observation

Generation : F0 Sex : Female Day : 20 Period : F0 gestation Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	Ease of removal from cage	Fur condition	Skin	Secretions-Eye, Nose	Exophthalmos	Palpebral closure	Mucosal membranes	Lacrimation
1101	0	0	0	0	0	0	0	0
1102	0	0	0	0	0	0	0	0
1103	0	0	0	0	0	0	0	0
1104	0	0	0	0	0	0	0	0
1105	0	0	0	0	0	0	0	0
1107	0	0	0	0	0	0	0	0
1108	0	0	0	0	0	0	0	0
1109	0	0	0	0	0	0	0	0
1110	0	0	0	0	0	0	0	0
1111	0	0	0	0	0	0	0	0
1112	0	0	0	0	0	0	0	0
n	11	11	11	11	11	11	11	11

Animal No.	Piloerection	Pupil size	Salivation	Abnormal respiration	Vocalization	Reactivity to handling
1101	0	0	0	0	0	0
1102	0	0	0	0	0	0
1103	0	0	0	0	0	0
1104	0	0	0	0	0	0
1105	0	0	0	0	0	0
1107	0	0	0	0	0	0
1108	0	0	0	0	0	0
1109	0	0	0	0	0	0
1110	0	0	0	0	0	0
1111	0	0	0	0	0	0
1112	0	0	0	0	0	0
n	11	11	11	11	11	11

Ease of removal from cage) -1: Atypically docile, 0: Easy, 1: Some resistance/avoidance, 2: Difficult, 3: Very difficult
Fur condition) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Normal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Normal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Normal, 1: Half opened pupil, 2: Mydriasis
Salivation) 0: None, 1: Slight, 2: Moderate, 3: Marked
Abnormal respiration) 0: None, 1: Slight, 2: Moderate, 3: Severe
Vocalization) 0: None, 1: Soft, 2: Moderate, 3: Loud/aggressive
Reactivity to handling) -1: Atypically docile, 0: Easy, 1: Slightly awkward, 2: Awkward, 3: Very Awkward
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

In-the-hand observation

Period : F0 gestation

Generation : F0 Sex : Female Day : 20 Dose : EHOEE 100 mg/kg Species : Rat

Animal No.	Ease of removal from cage	Fur condition	Skin	Secretions-Eye, Nose	Exophthalmos	Palpebral closure	Mucosal membranes	Lacrimation
2101	0	0	0	0	0	0	0	0
2102	0	0	0	0	0	0	0	0
2103	0	0	0	0	0	0	0	0
2104	0	0	0	0	0	0	0	0
2105	0	0	0	0	0	0	0	0
2106	0	0	0	0	0	0	0	0
2107	0	0	0	0	0	0	0	0
2108	0	0	0	0	0	0	0	0
2109	0	0	0	0	0	0	0	0
2110	0	0	0	0	0	0	0	0
2111	0	0	0	0	0	0	0	0
2112	0	0	0	0	0	0	0	0
n	12	12	12	12	12	12	12	12

Generation : F0 Sex : Female Day : 20 Dose : EHOEE 100 mg/kg Species : Rat

Animal No.	Piloerection	Pupil size	Salivation	Abnormal respiration	Vocalization	Reactivity to handling
2101	0	0	0	0	0	0
2102	0	0	0	0	0	0
2103	0	0	0	0	0	0
2104	0	0	0	0	0	0
2105	0	0	0	0	0	0
2106	0	0	0	0	0	0
2107	0	0	0	0	0	0
2108	0	0	0	0	0	0
2109	0	0	0	0	0	0
2110	0	0	0	0	0	0
2111	0	0	0	0	0	0
2112	0	0	0	0	0	0
n	12	12	12	12	12	12

Ease of removal from cage) -1: Atypically docile, 0: Easy, 1: Some resistance/avoidance, 2: Difficult, 3: Very difficult
Fur condition) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Normal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Normal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Normal, 1: Half opened pupil, 2: Mydriasis
Salivation) 0: None, 1: Slight, 2: Moderate, 3: Marked
Abnormal respiration) 0: None, 1: Slight, 2: Moderate, 3: Severe
Vocalization) 0: None, 1: Soft, 2: Moderate, 3: Loud/aggressive
Reactivity to handling) -1: Atypically docile, 0: Easy, 1: Slightly awkward, 2: Awkward, 3: Very Awkward
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

In-the-hand observation

Generation : F0 Sex : Female Day : 20 Period : F0 gestation Dose : EHOEE 300 mg/kg Species : Rat

Animal No.	Ease of removal from cage	Fur condition	Skin	Secretions-Eye, Nose	Exophthalmos	Palpebral closure	Mucosal membranes	Lacrimation
3101	0	0	0	0	0	0	0	0
3102	0	0	0	0	0	0	0	0
3103	0	0	0	0	0	0	0	0
3104	0	0	0	0	0	0	0	0
3105	0	0	0	0	0	0	0	0
3106	0	0	0	0	0	0	0	0
3107	0	0	0	0	0	0	0	0
3108	0	0	0	0	0	0	0	0
3109	0	0	0	0	0	0	0	0
3110	0	0	0	0	0	0	0	0
3111	0	0	0	0	0	0	0	0
3112	0	0	0	0	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Piloerection	Pupil size	Salivation	Abnormal respiration	Vocalization	Reactivity to handling
3101	0	0	0	0	0	0
3102	0	0	0	0	0	0
3103	0	0	0	0	0	0
3104	0	0	0	0	0	0
3105	0	0	0	0	0	0
3106	0	0	0	0	0	0
3107	0	0	0	0	0	0
3108	0	0	0	0	0	0
3109	0	0	0	0	0	0
3110	0	0	0	0	0	0
3111	0	0	0	0	0	0
3112	0	0	0	0	0	0
n	12	12	12	12	12	12

Ease of removal from cage) -1: Atypically docile, 0: Easy, 1: Some resistance/avoidance, 2: Difficult, 3: Very difficult
Fur condition) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Normal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Normal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Normal, 1: Half opened pupil, 2: Mydriasis
Salivation) 0: None, 1: Slight, 2: Moderate, 3: Marked
Abnormal respiration) 0: None, 1: Slight, 2: Moderate, 3: Severe
Vocalization) 0: None, 1: Soft, 2: Moderate, 3: Loud/aggressive
Reactivity to handling) -1: Atypically docile, 0: Easy, 1: Slightly awkward, 2: Awkward, 3: Very Awkward
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

In-the-hand observation

Generation : F0 Sex : Female Day : 20 Period : F0 gestation Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	Ease of removal from cage	Fur condition	Skin	Secretions-Eye, Nose	Exophthalmos	Palpebral closure	Mucosal membranes	Lacrimation
4101	0	0	0	0	0	0	0	0
4102	0	0	0	0	0	0	0	0
4103	0	0	0	0	0	0	0	0
4104	0	0	0	0	0	0	0	0
4105	0	0	0	0	0	0	0	0
4106	0	0	0	0	0	0	0	0
4107	0	0	0	0	0	0	0	0
4108	0	0	0	0	0	0	0	0
4109	0	0	0	0	0	0	0	0
4110	0	0	0	0	0	0	0	0
4111	0	0	0	0	0	0	0	0
4112	0	0	0	0	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Piloerection	Pupil size	Salivation	Abnormal respiration	Vocalization	Reactivity to handling
4101	0	0	0	0	0	0
4102	0	0	0	0	0	0
4103	0	0	0	0	0	0
4104	0	0	0	0	0	0
4105	0	0	0	0	0	0
4106	0	0	0	0	0	0
4107	0	0	0	0	0	0
4108	0	0	0	0	0	0
4109	0	0	0	0	0	0
4110	0	0	0	0	0	0
4111	0	0	0	0	0	0
4112	0	0	0	0	0	0
n	12	12	12	12	12	12

Ease of removal from cage) -1: Atypically docile, 0: Easy, 1: Some resistance/avoidance, 2: Difficult, 3: Very difficult
Fur condition) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Normal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Normal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Normal, 1: Half opened pupil, 2: Mydriasis
Salivation) 0: None, 1: Slight, 2: Moderate, 3: Marked
Abnormal respiration) 0: None, 1: Slight, 2: Moderate, 3: Severe
Vocalization) 0: None, 1: Soft, 2: Moderate, 3: Loud/aggressive
Reactivity to handling) -1: Atypically docile, 0: Easy, 1: Slightly awkward, 2: Awkward, 3: Very Awkward
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

In-the-hand observation

Generation : F0 Sex : Female Day : 6 Period : F0 lactation Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	Ease of removal from cage	Fur condition	Skin	Secretions-Eye, Nose	Exophthalmos	Palpebral closure	Mucosal membranes	Lacrimation
1101	0	0	0	0	0	0	0	0
1102	0	0	0	0	0	0	0	0
1103	0	0	0	0	0	0	0	0
1104	0	0	0	0	0	0	0	0
1105	0	0	0	0	0	0	0	0
1107	0	0	0	0	0	0	0	0
1108	0	0	0	0	0	0	0	0
1109	0	0	0	0	0	0	0	0
1110	0	0	0	0	0	0	0	0
1111	0	0	0	0	0	0	0	0
1112	0	0	0	0	0	0	0	0
n	11	11	11	11	11	11	11	11

Animal No.	Piloerection	Pupil size	Salivation	Abnormal respiration	Vocalization	Reactivity to handling
1101	0	0	0	0	0	0
1102	0	0	0	0	0	0
1103	0	0	0	0	0	0
1104	0	0	0	0	0	0
1105	0	0	0	0	0	0
1107	0	0	0	0	0	0
1108	0	0	0	0	0	0
1109	0	0	0	0	0	0
1110	0	0	0	0	0	0
1111	0	0	0	0	0	0
1112	0	0	0	0	0	0
n	11	11	11	11	11	11

Ease of removal from cage) -1: Atypically docile, 0: Easy, 1: Some resistance/avoidance, 2: Difficult, 3: Very difficult
Fur condition) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Normal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Normal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Normal, 1: Half opened pupil, 2: Mydriasis
Salivation) 0: None, 1: Slight, 2: Moderate, 3: Marked
Abnormal respiration) 0: None, 1: Slight, 2: Moderate, 3: Severe
Vocalization) 0: None, 1: Soft, 2: Moderate, 3: Loud/aggressive
Reactivity to handling) -1: Atypically docile, 0: Easy, 1: Slightly awkward, 2: Awkward, 3: Very Awkward
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

In-the-hand observation

Generation : F0 Sex : Female Day : 6 Period : F0 lactation Dose : EHOEE 100 mg/kg Species : Rat

Animal No.	Ease of removal from cage	Fur condition	Skin	Secretions-Eye, Nose	Exophthalmos	Palpebral closure	Mucosal membranes	Lacrimation
2101	0	0	0	0	0	0	0	0
2102	0	0	0	0	0	0	0	0
2103	0	0	0	0	0	0	0	0
2104	0	0	0	0	0	0	0	0
2105	0	0	0	0	0	0	0	0
2106	0	0	0	0	0	0	0	0
2107	0	0	0	0	0	0	0	0
2108	0	0	0	0	0	0	0	0
2109	0	0	0	0	0	0	0	0
2110	0	0	0	0	0	0	0	0
2111	0	0	0	0	0	0	0	0
2112	0	0	0	0	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Piloerection	Pupil size	Salivation	Abnormal respiration	Vocalization	Reactivity to handling
2101	0	0	0	0	0	0
2102	0	0	0	0	0	0
2103	0	0	0	0	0	0
2104	0	0	0	0	0	0
2105	0	0	0	0	0	0
2106	0	0	0	0	0	0
2107	0	0	0	0	0	0
2108	0	0	0	0	0	0
2109	0	0	0	0	0	0
2110	0	0	0	0	0	0
2111	0	0	0	0	0	0
2112	0	0	0	0	0	0
n	12	12	12	12	12	12

Ease of removal from cage) -1: Atypically docile, 0: Easy, 1: Some resistance/avoidance, 2: Difficult, 3: Very difficult
Fur condition) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Normal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Normal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Normal, 1: Half opened pupil, 2: Mydriasis
Salivation) 0: None, 1: Slight, 2: Moderate, 3: Marked
Abnormal respiration) 0: None, 1: Slight, 2: Moderate, 3: Severe
Vocalization) 0: None, 1: Soft, 2: Moderate, 3: Loud/aggressive
Reactivity to handling) -1: Atypically docile, 0: Easy, 1: Slightly awkward, 2: Awkward, 3: Very Awkward
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

In-the-hand observation Period : F0 lactation
Generation : F0 Sex : Female Day : 6 Dose : EHOEE 300 mg/kg Species : Rat

Animal No.	Ease of removal from cage	Fur condition	Skin	Secretions-Eye, Nose	Exophthalmos	Palpebral closure	Mucosal membranes	Lacrimation
3101	0	0	0	0	0	0	0	0
3102	0	0	0	0	0	0	0	0
3103	0	0	0	0	0	0	0	0
3104	0	0	0	0	0	0	0	0
3105	0	0	0	0	0	0	0	0
3106	0	0	0	0	0	0	0	0
3107	0	0	0	0	0	0	0	0
3108	0	0	0	0	0	0	0	0
3109	0	0	0	0	0	0	0	0
3110	0	0	0	0	0	0	0	0
3111	0	0	0	0	0	0	0	0
3112	0	0	0	0	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Piloerection	Pupil size	Salivation	Abnormal respiration	Vocalization	Reactivity to handling
3101	0	0	0	0	0	0
3102	0	0	0	0	0	0
3103	0	0	0	0	0	0
3104	0	0	0	0	0	0
3105	0	0	0	0	0	0
3106	0	0	0	0	0	0
3107	0	0	0	0	0	0
3108	0	0	0	0	0	0
3109	0	0	0	0	0	0
3110	0	0	0	0	0	0
3111	0	0	0	0	0	0
3112	0	0	0	0	0	0
n	12	12	12	12	12	12

Ease of removal from cage) -1: Atypically docile, 0: Easy, 1: Some resistance/avoidance, 2: Difficult, 3: Very difficult
Fur condition) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Normal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Normal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Normal, 1: Half opened pupil, 2: Mydriasis
Salivation) 0: None, 1: Slight, 2: Moderate, 3: Marked
Abnormal respiration) 0: None, 1: Slight, 2: Moderate, 3: Severe
Vocalization) 0: None, 1: Soft, 2: Moderate, 3: Loud/aggressive
Reactivity to handling) -1: Atypically docile, 0: Easy, 1: Slightly awkward, 2: Awkward, 3: Very Awkward
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

In-the-hand observation

Generation : F0 Sex : Female Day : 6 Period : F0 lactation Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	Ease of removal from cage	Fur condition	Skin	Secretions-Eye, Nose	Exophthalmos	Palpebral closure	Mucosal membranes	Lacrimation
4101	0	0	0	0	0	0	0	0
4102	0	0	0	0	0	0	0	0
4103	0	0	0	0	0	0	0	0
4104	0	0	0	0	0	0	0	0
4105	0	0	0	0	0	0	0	0
4106	0	0	0	0	0	0	0	0
4107	0	0	0	0	0	0	0	0
4108	0	0	0	0	0	0	0	0
4109	0	0	0	0	0	0	0	0
4110	0	0	0	0	0	0	0	0
4111	0	0	0	0	0	0	0	0
4112	0	0	0	0	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Piloerection	Pupil size	Salivation	Abnormal respiration	Vocalization	Reactivity to handling
4101	0	0	0	0	0	0
4102	0	0	0	0	0	0
4103	0	0	0	0	0	0
4104	0	0	0	0	0	0
4105	0	0	0	0	0	0
4106	0	0	0	0	0	0
4107	0	0	0	0	0	0
4108	0	0	0	0	0	0
4109	0	0	0	0	0	0
4110	0	0	0	0	0	0
4111	0	0	0	0	0	0
4112	0	0	0	0	0	0
n	12	12	12	12	12	12

Ease of removal from cage) -1: Atypically docile, 0: Easy, 1: Some resistance/avoidance, 2: Difficult, 3: Very difficult
Fur condition) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Normal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Normal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Normal, 1: Half opened pupil, 2: Mydriasis
Salivation) 0: None, 1: Slight, 2: Moderate, 3: Marked
Abnormal respiration) 0: None, 1: Slight, 2: Moderate, 3: Severe
Vocalization) 0: None, 1: Soft, 2: Moderate, 3: Loud/aggressive
Reactivity to handling) -1: Atypically docile, 0: Easy, 1: Slightly awkward, 2: Awkward, 3: Very Awkward
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

In-the-hand observation

Generation : F0 Sex : Female Day : 13 Period : F0 lactation Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	Ease of removal from cage	Fur condition	Skin	Secretions-Eye, Nose	Exophthalmos	Palpebral closure	Mucosal membranes	Lacrimation
1101	0	0	0	0	0	0	0	0
1102	0	0	0	0	0	0	0	0
1103	0	0	0	0	0	0	0	0
1104	0	0	0	0	0	0	0	0
1105	0	0	0	0	0	0	0	0
1107	0	0	0	0	0	0	0	0
1108	0	0	0	0	0	0	0	0
1109	0	0	0	0	0	0	0	0
1110	0	0	0	0	0	0	0	0
1111	0	0	0	0	0	0	0	0
1112	0	0	0	0	0	0	0	0
n	11	11	11	11	11	11	11	11

Animal No.	Piloerection	Pupil size	Salivation	Abnormal respiration	Vocalization	Reactivity to handling
1101	0	0	0	0	0	0
1102	0	0	0	0	0	0
1103	0	0	0	0	0	0
1104	0	0	0	0	0	0
1105	0	0	0	0	0	0
1107	0	0	0	0	0	0
1108	0	0	0	0	0	0
1109	0	0	0	0	0	0
1110	0	0	0	0	0	0
1111	0	0	0	0	0	0
1112	0	0	0	0	0	0
n	11	11	11	11	11	11

Ease of removal from cage) -1: Atypically docile, 0: Easy, 1: Some resistance/avoidance, 2: Difficult, 3: Very difficult
Fur condition) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Normal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Normal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Normal, 1: Half opened pupil, 2: Mydriasis
Salivation) 0: None, 1: Slight, 2: Moderate, 3: Marked
Abnormal respiration) 0: None, 1: Slight, 2: Moderate, 3: Severe
Vocalization) 0: None, 1: Soft, 2: Moderate, 3: Loud/aggressive
Reactivity to handling) -1: Atypically docile, 0: Easy, 1: Slightly awkward, 2: Awkward, 3: Very Awkward
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

In-the-hand observation Period : F0 lactation
Generation : F0 Sex : Female Day : 13 Dose : EHOEE 100 mg/kg Species : Rat

Animal No.	Ease of removal from cage	Fur condition	Skin	Secretions-Eye, Nose	Exophthalmos	Palpebral closure	Mucosal membranes	Lacrimation
2101	0	0	0	0	0	0	0	0
2102	0	0	0	0	0	0	0	0
2103	0	0	0	0	0	0	0	0
2104	0	0	0	0	0	0	0	0
2105	0	0	0	0	0	0	0	0
2106	0	0	0	0	0	0	0	0
2107	0	0	0	0	0	0	0	0
2108	0	0	0	0	0	0	0	0
2109	0	0	0	0	0	0	0	0
2110	0	0	0	0	0	0	0	0
2111	0	0	0	0	0	0	0	0
2112	0	0	0	0	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Piloerection	Pupil size	Salivation	Abnormal respiration	Vocalization	Reactivity to handling
2101	0	0	0	0	0	0
2102	0	0	0	0	0	0
2103	0	0	0	0	0	0
2104	0	0	0	0	0	0
2105	0	0	0	0	0	0
2106	0	0	0	0	0	0
2107	0	0	0	0	0	0
2108	0	0	0	0	0	0
2109	0	0	0	0	0	0
2110	0	0	0	0	0	0
2111	0	0	0	0	0	0
2112	0	0	0	0	0	0
n	12	12	12	12	12	12

Ease of removal from cage) -1: Atypically docile, 0: Easy, 1: Some resistance/avoidance, 2: Difficult, 3: Very difficult
Fur condition) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Normal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Normal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Normal, 1: Half opened pupil, 2: Mydriasis
Salivation) 0: None, 1: Slight, 2: Moderate, 3: Marked
Abnormal respiration) 0: None, 1: Slight, 2: Moderate, 3: Severe
Vocalization) 0: None, 1: Soft, 2: Moderate, 3: Loud/aggressive
Reactivity to handling) -1: Atypically docile, 0: Easy, 1: Slightly awkward, 2: Awkward, 3: Very Awkward
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

In-the-hand observation Period : F0 lactation
Generation : F0 Sex : Female Day : 13 Dose : EHOEE 300 mg/kg Species : Rat

Animal No.	Ease of removal from cage	Fur condition	Skin	Secretions-Eye, Nose	Exophthalmos	Palpebral closure	Mucosal membranes	Lacrimation
3101	0	0	0	0	0	0	0	0
3102	0	0	0	0	0	0	0	0
3103	0	0	0	0	0	0	0	0
3104	0	0	0	0	0	0	0	0
3105	0	0	0	0	0	0	0	0
3106	0	0	0	0	0	0	0	0
3107	0	0	0	0	0	0	0	0
3108	0	0	0	0	0	0	0	0
3109	0	0	0	0	0	0	0	0
3110	0	0	0	0	0	0	0	0
3111	0	0	0	0	0	0	0	0
3112	0	0	0	0	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Piloerection	Pupil size	Salivation	Abnormal respiration	Vocalization	Reactivity to handling
3101	0	0	0	0	0	0
3102	0	0	0	0	0	0
3103	0	0	0	0	0	0
3104	0	0	0	0	0	0
3105	0	0	0	0	0	0
3106	0	0	0	0	0	0
3107	0	0	0	0	0	0
3108	0	0	0	0	0	0
3109	0	0	0	0	0	0
3110	0	0	0	0	0	0
3111	0	0	0	0	0	0
3112	0	0	0	0	0	0
n	12	12	12	12	12	12

Ease of removal from cage) -1: Atypically docile, 0: Easy, 1: Some resistance/avoidance, 2: Difficult, 3: Very difficult
Fur condition) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Normal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Normal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Normal, 1: Half opened pupil, 2: Mydriasis
Salivation) 0: None, 1: Slight, 2: Moderate, 3: Marked
Abnormal respiration) 0: None, 1: Slight, 2: Moderate, 3: Severe
Vocalization) 0: None, 1: Soft, 2: Moderate, 3: Loud/aggressive
Reactivity to handling) -1: Atypically docile, 0: Easy, 1: Slightly awkward, 2: Awkward, 3: Very Awkward
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

In-the-hand observation

Generation : F0 Sex : Female Day : 13 Period : F0 lactation Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	Ease of removal from cage	Fur condition	Skin	Secretions-Eye, Nose	Exophthalmos	Palpebral closure	Mucosal membranes	Lacrimation
4101	0	0	0	0	0	0	0	0
4102	0	0	0	0	0	0	0	0
4103	0	0	0	0	0	0	0	0
4104	0	0	0	0	0	0	0	0
4105	0	0	0	0	0	0	0	0
4106	0	0	0	0	0	0	0	0
4107	0	0	0	0	0	0	0	0
4108	0	0	0	0	0	0	0	0
4109	0	0	0	0	0	0	0	0
4110	0	0	0	0	0	0	0	0
4111	0	0	0	0	0	0	0	0
4112	0	0	0	0	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Piloerection	Pupil size	Salivation	Abnormal respiration	Vocalization	Reactivity to handling
4101	0	0	0	0	0	0
4102	0	0	0	0	0	0
4103	0	0	0	0	0	0
4104	0	0	0	0	0	0
4105	0	0	0	0	0	0
4106	0	0	0	0	0	0
4107	0	0	0	0	0	0
4108	0	0	0	0	0	0
4109	0	0	0	0	0	0
4110	0	0	0	0	0	0
4111	0	0	0	0	0	0
4112	0	0	0	0	0	0
n	12	12	12	12	12	12

Ease of removal from cage) -1: Atypically docile, 0: Easy, 1: Some resistance/avoidance, 2: Difficult, 3: Very difficult
Fur condition) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Normal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Normal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Normal, 1: Half opened pupil, 2: Mydriasis
Salivation) 0: None, 1: Slight, 2: Moderate, 3: Marked
Abnormal respiration) 0: None, 1: Slight, 2: Moderate, 3: Severe
Vocalization) 0: None, 1: Soft, 2: Moderate, 3: Loud/aggressive
Reactivity to handling) -1: Atypically docile, 0: Easy, 1: Slightly awkward, 2: Awkward, 3: Very Awkward
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

In-the-hand observation

Period : Administration (non-mating group)

Generation : F0 Sex : Female Week : 1 Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	Ease of removal from cage	Fur condition	Skin	Secretions-Eye, Nose	Exophthalmos	Palpebral closure	Mucosal membranes	Lacrimation
5101	0	0	0	0	0	0	0	0
5102	0	0	0	0	0	0	0	0
5103	0	0	0	0	0	0	0	0
5104	0	0	0	0	0	0	0	0
5105	0	0	0	0	0	0	0	0
5106	0	0	0	0	0	0	0	0
5107	0	0	0	0	0	0	0	0
5108	0	0	0	0	0	0	0	0
5109	0	0	0	0	0	0	0	0
5110	0	0	0	0	0	0	0	0
n	10	10	10	10	10	10	10	10

Animal No.	Piloerection	Pupil size	Salivation	Abnormal respiration	Vocalization	Reactivity to handling
5101	0	0	0	0	0	0
5102	0	0	0	0	0	0
5103	0	0	0	0	0	0
5104	0	0	0	0	0	0
5105	0	0	0	0	0	0
5106	0	0	0	0	0	0
5107	0	0	0	0	0	0
5108	0	0	0	0	0	0
5109	0	0	0	0	0	0
5110	0	0	0	0	0	0
n	10	10	10	10	10	10

Ease of removal from cage) -1: Atypically docile, 0: Easy, 1: Some resistance/avoidance, 2: Difficult, 3: Very difficult
Fur condition) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Normal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Normal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Normal, 1: Half opened pupil, 2: Mydriasis
Salivation) 0: None, 1: Slight, 2: Moderate, 3: Marked
Abnormal respiration) 0: None, 1: Slight, 2: Moderate, 3: Severe
Vocalization) 0: None, 1: Soft, 2: Moderate, 3: Loud/aggressive
Reactivity to handling) -1: Atypically docile, 0: Easy, 1: Slightly awkward, 2: Awkward, 3: Very Awkward
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

In-the-hand observation

Period : Administration (non-mating group)

Generation : F0 Sex : Female Week : 1 Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	Ease of removal from cage	Fur condition	Skin	Secretions-Eye, Nose	Exophthalmos	Palpebral closure	Mucosal membranes	Lacrimation
6101	0	0	0	0	0	0	0	0
6102	0	0	0	0	0	0	0	0
6103	0	0	0	0	0	0	0	0
6104	0	0	0	0	0	0	0	0
6105	0	0	0	0	0	0	0	0
6106	0	0	0	0	0	0	0	0
6107	0	0	0	0	0	0	0	0
6108	0	0	0	0	0	0	0	0
6109	0	0	0	0	0	0	0	0
6110	0	0	0	0	0	0	0	0
n	10	10	10	10	10	10	10	10

Animal No.	Piloerection	Pupil size	Salivation	Abnormal respiration	Vocalization	Reactivity to handling
6101	0	0	0	0	0	0
6102	0	0	0	0	0	0
6103	0	0	0	0	0	0
6104	0	0	0	0	0	0
6105	0	0	0	0	0	0
6106	0	0	0	0	0	0
6107	0	0	0	0	0	0
6108	0	0	0	0	0	0
6109	0	0	0	0	0	0
6110	0	0	0	0	0	0
n	10	10	10	10	10	10

Ease of removal from cage) -1: Atypically docile, 0: Easy, 1: Some resistance/avoidance, 2: Difficult, 3: Very difficult
Fur condition) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Normal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Normal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Normal, 1: Half opened pupil, 2: Mydriasis
Salivation) 0: None, 1: Slight, 2: Moderate, 3: Marked
Abnormal respiration) 0: None, 1: Slight, 2: Moderate, 3: Severe
Vocalization) 0: None, 1: Soft, 2: Moderate, 3: Loud/aggressive
Reactivity to handling) -1: Atypically docile, 0: Easy, 1: Slightly awkward, 2: Awkward, 3: Very Awkward
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

In-the-hand observation
Period : Administration (non-mating group)
Generation : F0 Sex : Female Week : 2 Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	Ease of removal from cage	Fur condition	Skin	Secretions-Eye, Nose	Exophthalmos	Palpebral closure	Mucosal membranes	Lacrimation
5101	0	0	0	0	0	0	0	0
5102	0	0	0	0	0	0	0	0
5103	0	0	0	0	0	0	0	0
5104	0	0	0	0	0	0	0	0
5105	0	0	0	0	0	0	0	0
5106	0	0	0	0	0	0	0	0
5107	0	0	0	0	0	0	0	0
5108	0	0	0	0	0	0	0	0
5109	0	0	0	0	0	0	0	0
5110	0	0	0	0	0	0	0	0
n	10	10	10	10	10	10	10	10

Animal No.	Piloerection	Pupil size	Salivation	Abnormal respiration	Vocalization	Reactivity to handling
5101	0	0	0	0	0	0
5102	0	0	0	0	0	0
5103	0	0	0	0	0	0
5104	0	0	0	0	0	0
5105	0	0	0	0	0	0
5106	0	0	0	0	0	0
5107	0	0	0	0	0	0
5108	0	0	0	0	0	0
5109	0	0	0	0	0	0
5110	0	0	0	0	0	0
n	10	10	10	10	10	10

Ease of removal from cage) -1: Atypically docile, 0: Easy, 1: Some resistance/avoidance, 2: Difficult, 3: Very difficult
Fur condition) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Normal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Normal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Normal, 1: Half opened pupil, 2: Mydriasis
Salivation) 0: None, 1: Slight, 2: Moderate, 3: Marked
Abnormal respiration) 0: None, 1: Slight, 2: Moderate, 3: Severe
Vocalization) 0: None, 1: Soft, 2: Moderate, 3: Loud/aggressive
Reactivity to handling) -1: Atypically docile, 0: Easy, 1: Slightly awkward, 2: Awkward, 3: Very Awkward
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

In-the-hand observation
Period : Administration (non-mating group)
Generation : F0 Sex : Female Week : 2 Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	Ease of removal from cage	Fur condition	Skin	Secretions-Eye, Nose	Exophthalmos	Palpebral closure	Mucosal membranes	Lacrimation
6101	0	0	0	0	0	0	0	0
6102	0	0	0	0	0	0	0	0
6103	0	0	0	0	0	0	0	0
6104	0	0	0	0	0	0	0	0
6105	0	0	0	0	0	0	0	0
6106	0	0	0	0	0	0	0	0
6107	0	0	0	0	0	0	0	0
6108	0	0	0	0	0	0	0	0
6109	0	0	0	0	0	0	0	0
6110	0	0	0	0	0	0	0	0
n	10	10	10	10	10	10	10	10

Animal No.	Piloerection	Pupil size	Salivation	Abnormal respiration	Vocalization	Reactivity to handling
6101	0	0	0	0	0	0
6102	0	0	0	0	0	0
6103	0	0	0	0	0	0
6104	0	0	0	0	0	0
6105	0	0	0	0	0	0
6106	0	0	0	0	0	0
6107	0	0	0	0	0	0
6108	0	0	0	0	0	0
6109	0	0	0	0	0	0
6110	0	0	0	0	0	0
n	10	10	10	10	10	10

Ease of removal from cage) -1: Atypically docile, 0: Easy, 1: Some resistance/avoidance, 2: Difficult, 3: Very difficult
Fur condition) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Normal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Normal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Normal, 1: Half opened pupil, 2: Mydriasis
Salivation) 0: None, 1: Slight, 2: Moderate, 3: Marked
Abnormal respiration) 0: None, 1: Slight, 2: Moderate, 3: Severe
Vocalization) 0: None, 1: Soft, 2: Moderate, 3: Loud/aggressive
Reactivity to handling) -1: Atypically docile, 0: Easy, 1: Slightly awkward, 2: Awkward, 3: Very Awkward
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

In-the-hand observation
Period : Administration (non-mating group)
Generation : F0 Sex : Female Week : 3 Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	Ease of removal from cage	Fur condition	Skin	Secretions-Eye, Nose	Exophthalmos	Palpebral closure	Mucosal membranes	Lacrimation
5101	0	0	0	0	0	0	0	0
5102	0	0	0	0	0	0	0	0
5103	0	0	0	0	0	0	0	0
5104	0	0	0	0	0	0	0	0
5105	0	0	0	0	0	0	0	0
5106	0	0	0	0	0	0	0	0
5107	0	0	0	0	0	0	0	0
5108	0	0	0	0	0	0	0	0
5109	0	0	0	0	0	0	0	0
5110	0	0	0	0	0	0	0	0
n	10	10	10	10	10	10	10	10

Animal No.	Piloerection	Pupil size	Salivation	Abnormal respiration	Vocalization	Reactivity to handling
5101	0	0	0	0	0	0
5102	0	0	0	0	0	0
5103	0	0	0	0	0	0
5104	0	0	0	0	0	0
5105	0	0	0	0	0	0
5106	0	0	0	0	0	0
5107	0	0	0	0	0	0
5108	0	0	0	0	0	0
5109	0	0	0	0	0	0
5110	0	0	0	0	0	0
n	10	10	10	10	10	10

Ease of removal from cage) -1: Atypically docile, 0: Easy, 1: Some resistance/avoidance, 2: Difficult, 3: Very difficult
Fur condition) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Normal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Normal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Normal, 1: Half opened pupil, 2: Mydriasis
Salivation) 0: None, 1: Slight, 2: Moderate, 3: Marked
Abnormal respiration) 0: None, 1: Slight, 2: Moderate, 3: Severe
Vocalization) 0: None, 1: Soft, 2: Moderate, 3: Loud/aggressive
Reactivity to handling) -1: Atypically docile, 0: Easy, 1: Slightly awkward, 2: Awkward, 3: Very Awkward
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

In-the-hand observation
Period : Administration (non-mating group)
Generation : F0 Sex : Female Week : 3 Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	Ease of removal from cage	Fur condition	Skin	Secretions-Eye, Nose	Exophthalmos	Palpebral closure	Mucosal membranes	Lacrimation
6101	0	0	0	0	0	0	0	0
6102	0	0	0	0	0	0	0	0
6103	0	0	0	0	0	0	0	0
6104	0	0	0	0	0	0	0	0
6105	0	0	0	0	0	0	0	0
6106	0	0	0	0	0	0	0	0
6107	0	0	0	0	0	0	0	0
6108	0	0	0	0	0	0	0	0
6109	0	0	0	0	0	0	0	0
6110	0	0	0	0	0	0	0	0
n	10	10	10	10	10	10	10	10

Animal No.	Piloerection	Pupil size	Salivation	Abnormal respiration	Vocalization	Reactivity to handling
6101	0	0	0	0	0	0
6102	0	0	0	0	0	0
6103	0	0	0	0	0	0
6104	0	0	0	0	0	0
6105	0	0	0	0	0	0
6106	0	0	0	0	0	0
6107	0	0	0	0	0	0
6108	0	0	0	0	0	0
6109	0	0	0	0	0	0
6110	0	0	0	0	0	0
n	10	10	10	10	10	10

Ease of removal from cage) -1: Atypically docile, 0: Easy, 1: Some resistance/avoidance, 2: Difficult, 3: Very difficult
Fur condition) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Normal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Normal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Normal, 1: Half opened pupil, 2: Mydriasis
Salivation) 0: None, 1: Slight, 2: Moderate, 3: Marked
Abnormal respiration) 0: None, 1: Slight, 2: Moderate, 3: Severe
Vocalization) 0: None, 1: Soft, 2: Moderate, 3: Loud/aggressive
Reactivity to handling) -1: Atypically docile, 0: Easy, 1: Slightly awkward, 2: Awkward, 3: Very Awkward
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

In-the-hand observation

Period : Administration (non-mating group)

Generation : F0 Sex : Female Week : 4 Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	Ease of removal from cage	Fur condition	Skin	Secretions-Eye, Nose	Exophthalmos	Palpebral closure	Mucosal membranes	Lacrimation
5101	0	0	0	0	0	0	0	0
5102	0	0	0	0	0	0	0	0
5103	0	0	0	0	0	0	0	0
5104	0	0	0	0	0	0	0	0
5105	0	0	0	0	0	0	0	0
5106	0	0	0	0	0	0	0	0
5107	0	0	0	0	0	0	0	0
5108	0	0	0	0	0	0	0	0
5109	0	0	0	0	0	0	0	0
5110	0	0	0	0	0	0	0	0
n	10	10	10	10	10	10	10	10

Animal No.	Piloerection	Pupil size	Salivation	Abnormal respiration	Vocalization	Reactivity to handling
5101	0	0	0	0	0	0
5102	0	0	0	0	0	0
5103	0	0	0	0	0	0
5104	0	0	0	0	0	0
5105	0	0	0	0	0	0
5106	0	0	0	0	0	0
5107	0	0	0	0	0	0
5108	0	0	0	0	0	0
5109	0	0	0	0	0	0
5110	0	0	0	0	0	0
n	10	10	10	10	10	10

Ease of removal from cage) -1: Atypically docile, 0: Easy, 1: Some resistance/avoidance, 2: Difficult, 3: Very difficult
Fur condition) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Normal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Normal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Normal, 1: Half opened pupil, 2: Mydriasis
Salivation) 0: None, 1: Slight, 2: Moderate, 3: Marked
Abnormal respiration) 0: None, 1: Slight, 2: Moderate, 3: Severe
Vocalization) 0: None, 1: Soft, 2: Moderate, 3: Loud/aggressive
Reactivity to handling) -1: Atypically docile, 0: Easy, 1: Slightly awkward, 2: Awkward, 3: Very Awkward
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

In-the-hand observation
Period : Administration (non-mating group)
Generation : F0 Sex : Female Week : 4 Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	Ease of removal from cage	Fur condition	Skin	Secretions-Eye, Nose	Exophthalmos	Palpebral closure	Mucosal membranes	Lacrimation
6101	0	0	0	0	0	0	0	0
6102	0	0	0	0	0	0	0	0
6103	0	0	0	0	0	0	0	0
6104	0	0	0	0	0	0	0	0
6105	0	0	0	0	0	0	0	0
6106	0	0	0	0	0	0	0	0
6107	0	0	0	0	0	0	0	0
6108	0	0	0	0	0	0	0	0
6109	0	0	0	0	0	0	0	0
6110	0	0	0	0	0	0	0	0
n	10	10	10	10	10	10	10	10

Animal No.	Piloerection	Pupil size	Salivation	Abnormal respiration	Vocalization	Reactivity to handling
6101	0	0	0	0	0	0
6102	0	0	0	0	0	0
6103	0	0	0	0	0	0
6104	0	0	0	0	0	0
6105	0	0	0	0	0	0
6106	0	0	0	0	0	0
6107	0	0	0	0	0	0
6108	0	0	0	0	0	0
6109	0	0	0	0	0	0
6110	0	0	0	0	0	0
n	10	10	10	10	10	10

Ease of removal from cage) -1: Atypically docile, 0: Easy, 1: Some resistance/avoidance, 2: Difficult, 3: Very difficult
Fur condition) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Normal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Normal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Normal, 1: Half opened pupil, 2: Mydriasis
Salivation) 0: None, 1: Slight, 2: Moderate, 3: Marked
Abnormal respiration) 0: None, 1: Slight, 2: Moderate, 3: Severe
Vocalization) 0: None, 1: Soft, 2: Moderate, 3: Loud/aggressive
Reactivity to handling) -1: Atypically docile, 0: Easy, 1: Slightly awkward, 2: Awkward, 3: Very Awkward
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

In-the-hand observation
Period : Administration (non-mating group)
Generation : F0 Sex : Female Week : 5 Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	Ease of removal from cage	Fur condition	Skin	Secretions-Eye, Nose	Exophthalmos	Palpebral closure	Mucosal membranes	Lacrimation
5101	0	0	0	0	0	0	0	0
5102	0	0	0	0	0	0	0	0
5103	0	0	0	0	0	0	0	0
5104	0	0	0	0	0	0	0	0
5105	0	0	0	0	0	0	0	0
5106	0	0	0	0	0	0	0	0
5107	0	0	0	0	0	0	0	0
5108	0	0	0	0	0	0	0	0
5109	0	0	0	0	0	0	0	0
5110	0	0	0	0	0	0	0	0
n	10	10	10	10	10	10	10	10

Animal No.	Piloerection	Pupil size	Salivation	Abnormal respiration	Vocalization	Reactivity to handling
5101	0	0	0	0	0	0
5102	0	0	0	0	0	0
5103	0	0	0	0	0	0
5104	0	0	0	0	0	0
5105	0	0	0	0	0	0
5106	0	0	0	0	0	0
5107	0	0	0	0	0	0
5108	0	0	0	0	0	0
5109	0	0	0	0	0	0
5110	0	0	0	0	0	0
n	10	10	10	10	10	10

Ease of removal from cage) -1: Atypically docile, 0: Easy, 1: Some resistance/avoidance, 2: Difficult, 3: Very difficult
Fur condition) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Normal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Normal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Normal, 1: Half opened pupil, 2: Mydriasis
Salivation) 0: None, 1: Slight, 2: Moderate, 3: Marked
Abnormal respiration) 0: None, 1: Slight, 2: Moderate, 3: Severe
Vocalization) 0: None, 1: Soft, 2: Moderate, 3: Loud/aggressive
Reactivity to handling) -1: Atypically docile, 0: Easy, 1: Slightly awkward, 2: Awkward, 3: Very Awkward
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

In-the-hand observation
Period : Administration (non-mating group)
Generation : F0 Sex : Female Week : 5 Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	Ease of removal from cage	Fur condition	Skin	Secretions-Eye, Nose	Exophthalmos	Palpebral closure	Mucosal membranes	Lacrimation
6101	0	0	0	0	0	0	0	0
6102	0	0	0	0	0	0	0	0
6103	0	0	0	0	0	0	0	0
6104	0	0	0	0	0	0	0	0
6105	0	0	0	0	0	0	0	0
6106	0	0	0	0	0	0	0	0
6107	0	0	0	0	0	0	0	0
6108	0	0	0	0	0	0	0	0
6109	0	0	0	0	0	0	0	0
6110	0	0	0	0	0	0	0	0
n	10	10	10	10	10	10	10	10

Animal No.	Piloerection	Pupil size	Salivation	Abnormal respiration	Vocalization	Reactivity to handling
6101	0	0	0	0	0	0
6102	0	0	0	0	0	0
6103	0	0	0	0	0	0
6104	0	0	0	0	0	0
6105	0	0	0	0	0	0
6106	0	0	0	0	0	0
6107	0	0	0	0	0	0
6108	0	0	0	0	0	0
6109	0	0	0	0	0	0
6110	0	0	0	0	0	0
n	10	10	10	10	10	10

Ease of removal from cage) -1: Atypically docile, 0: Easy, 1: Some resistance/avoidance, 2: Difficult, 3: Very difficult
Fur condition) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Normal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Normal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Normal, 1: Half opened pupil, 2: Mydriasis
Salivation) 0: None, 1: Slight, 2: Moderate, 3: Marked
Abnormal respiration) 0: None, 1: Slight, 2: Moderate, 3: Severe
Vocalization) 0: None, 1: Soft, 2: Moderate, 3: Loud/aggressive
Reactivity to handling) -1: Atypically docile, 0: Easy, 1: Slightly awkward, 2: Awkward, 3: Very Awkward
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

In-the-hand observation
Period : Administration (non-mating group)
Generation : F0 Sex : Female Week : 6 Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	Ease of removal from cage	Fur condition	Skin	Secretions-Eye, Nose	Exophthalmos	Palpebral closure	Mucosal membranes	Lacrimation
5101	0	0	0	0	0	0	0	0
5102	0	0	0	0	0	0	0	0
5103	0	0	0	0	0	0	0	0
5104	0	0	0	0	0	0	0	0
5105	0	0	0	0	0	0	0	0
5106	0	0	0	0	0	0	0	0
5107	0	0	0	0	0	0	0	0
5108	0	0	0	0	0	0	0	0
5109	0	0	0	0	0	0	0	0
5110	0	0	0	0	0	0	0	0
n	10	10	10	10	10	10	10	10

Animal No.	Piloerection	Pupil size	Salivation	Abnormal respiration	Vocalization	Reactivity to handling
5101	0	0	0	0	0	0
5102	0	0	0	0	0	0
5103	0	0	0	0	0	0
5104	0	0	0	0	0	0
5105	0	0	0	0	0	0
5106	0	0	0	0	0	0
5107	0	0	0	0	0	0
5108	0	0	0	0	0	0
5109	0	0	0	0	0	0
5110	0	0	0	0	0	0
n	10	10	10	10	10	10

Ease of removal from cage) -1: Atypically docile, 0: Easy, 1: Some resistance/avoidance, 2: Difficult, 3: Very difficult
Fur condition) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Normal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Normal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Normal, 1: Half opened pupil, 2: Mydriasis
Salivation) 0: None, 1: Slight, 2: Moderate, 3: Marked
Abnormal respiration) 0: None, 1: Slight, 2: Moderate, 3: Severe
Vocalization) 0: None, 1: Soft, 2: Moderate, 3: Loud/aggressive
Reactivity to handling) -1: Atypically docile, 0: Easy, 1: Slightly awkward, 2: Awkward, 3: Very Awkward
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

In-the-hand observation
Generation : F0 Sex : Female Week : 6 Period : Administration (non-mating group) Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	Ease of removal from cage	Fur condition	Skin	Secretions-Eye, Nose	Exophthalmos	Palpebral closure	Mucosal membranes	Lacrimation
6101	0	0	0	0	0	0	0	0
6102	0	0	0	0	0	0	0	0
6103	0	0	0	0	0	0	0	0
6104	0	0	0	0	0	0	0	0
6105	0	0	0	0	0	0	0	0
6106	0	0	0	0	0	0	0	0
6107	0	0	0	0	0	0	0	0
6108	0	0	0	0	0	0	0	0
6109	0	0	0	0	0	0	0	0
6110	0	0	0	0	0	0	0	0
n	10	10	10	10	10	10	10	10

Animal No.	Piloerection	Pupil size	Salivation	Abnormal respiration	Vocalization	Reactivity to handling
6101	0	0	0	0	0	0
6102	0	0	0	0	0	0
6103	0	0	0	0	0	0
6104	0	0	0	0	0	0
6105	0	0	0	0	0	0
6106	0	0	0	0	0	0
6107	0	0	0	0	0	0
6108	0	0	0	0	0	0
6109	0	0	0	0	0	0
6110	0	0	0	0	0	0
n	10	10	10	10	10	10

Ease of removal from cage) -1: Atypically docile, 0: Easy, 1: Some resistance/avoidance, 2: Difficult, 3: Very difficult
Fur condition) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Normal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Normal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Normal, 1: Half opened pupil, 2: Mydriasis
Salivation) 0: None, 1: Slight, 2: Moderate, 3: Marked
Abnormal respiration) 0: None, 1: Slight, 2: Moderate, 3: Severe
Vocalization) 0: None, 1: Soft, 2: Moderate, 3: Loud/aggressive
Reactivity to handling) -1: Atypically docile, 0: Easy, 1: Slightly awkward, 2: Awkward, 3: Very Awkward
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

In-the-hand observation
Generation : F0 Sex : Male Week : 1 Period : Recovery
Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	Ease of removal from cage	Fur condition	Skin	Secretions-Eye, Nose	Exophthalmos	Palpebral closure	Mucosal membranes	Lacrimation
1008	0	0	0	0	0	0	0	0
1009	0	0	0	0	0	0	0	0
1010	0	0	0	0	0	0	0	0
1011	0	0	0	0	0	0	0	0
1012	0	0	0	0	0	0	0	0
n	5	5	5	5	5	5	5	5

Animal No.	Piloerection	Pupil size	Salivation	Abnormal respiration	Vocalization	Reactivity to handling
1008	0	0	0	0	0	0
1009	0	0	0	0	0	0
1010	0	0	0	0	0	0
1011	0	0	0	0	0	0
1012	0	0	0	0	0	0
n	5	5	5	5	5	5

Ease of removal from cage) -1: Atypically docile, 0: Easy, 1: Some resistance/avoidance, 2: Difficult, 3: Very difficult
Fur condition) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Normal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Normal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Normal, 1: Half opened pupil, 2: Mydriasis
Salivation) 0: None, 1: Slight, 2: Moderate, 3: Marked
Abnormal respiration) 0: None, 1: Slight, 2: Moderate, 3: Severe
Vocalization) 0: None, 1: Soft, 2: Moderate, 3: Loud/aggressive
Reactivity to handling) -1: Atypically docile, 0: Easy, 1: Slightly awkward, 2: Awkward, 3: Very Awkward
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

In-the-hand observation
Generation : F0 Sex : Male Week : 1 Period : Recovery
Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	Ease of removal from cage	Fur condition	Skin	Secretions-Eye, Nose	Exophthalmos	Palpebral closure	Mucosal membranes	Lacrimation
4008	0	0	0	0	0	0	0	0
4009	0	0	0	0	0	0	0	0
4010	0	0	0	0	0	0	0	0
4011	0	0	0	0	0	0	0	0
4012	0	0	0	0	0	0	0	0
n	5	5	5	5	5	5	5	5

Animal No.	Piloerection	Pupil size	Salivation	Abnormal respiration	Vocalization	Reactivity to handling
4008	0	0	0	0	0	0
4009	0	0	0	0	0	0
4010	0	0	0	0	0	0
4011	0	0	0	0	0	0
4012	0	0	0	0	0	0
n	5	5	5	5	5	5

Ease of removal from cage) -1: Atypically docile, 0: Easy, 1: Some resistance/avoidance, 2: Difficult, 3: Very difficult
Fur condition) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Normal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Normal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Normal, 1: Half opened pupil, 2: Mydriasis
Salivation) 0: None, 1: Slight, 2: Moderate, 3: Marked
Abnormal respiration) 0: None, 1: Slight, 2: Moderate, 3: Severe
Vocalization) 0: None, 1: Soft, 2: Moderate, 3: Loud/aggressive
Reactivity to handling) -1: Atypically docile, 0: Easy, 1: Slightly awkward, 2: Awkward, 3: Very Awkward
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

In-the-hand observation
Generation : F0 Sex : Male Week : 2 Period : Recovery
Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	Ease of removal from cage	Fur condition	Skin	Secretions-Eye, Nose	Exophthalmos	Palpebral closure	Mucosal membranes	Lacrimation
1008	0	0	0	0	0	0	0	0
1009	0	0	0	0	0	0	0	0
1010	0	0	0	0	0	0	0	0
1011	0	0	0	0	0	0	0	0
1012	0	0	0	0	0	0	0	0
n	5	5	5	5	5	5	5	5

Animal No.	Piloerection	Pupil size	Salivation	Abnormal respiration	Vocalization	Reactivity to handling
1008	0	0	0	0	0	0
1009	0	0	0	0	0	0
1010	0	0	0	0	0	0
1011	0	0	0	0	0	0
1012	0	0	0	0	0	0
n	5	5	5	5	5	5

Ease of removal from cage) -1: Atypically docile, 0: Easy, 1: Some resistance/avoidance, 2: Difficult, 3: Very difficult
Fur condition) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Normal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Normal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Normal, 1: Half opened pupil, 2: Mydriasis
Salivation) 0: None, 1: Slight, 2: Moderate, 3: Marked
Abnormal respiration) 0: None, 1: Slight, 2: Moderate, 3: Severe
Vocalization) 0: None, 1: Soft, 2: Moderate, 3: Loud/aggressive
Reactivity to handling) -1: Atypically docile, 0: Easy, 1: Slightly awkward, 2: Awkward, 3: Very Awkward
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

In-the-hand observation
Generation : F0 Sex : Male Week : 2 Period : Recovery
Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	Ease of removal from cage	Fur condition	Skin	Secretions-Eye, Nose	Exophthalmos	Palpebral closure	Mucosal membranes	Lacrimation
4008	0	0	0	0	0	0	0	0
4009	0	0	0	0	0	0	0	0
4010	0	0	0	0	0	0	0	0
4011	0	0	0	0	0	0	0	0
4012	0	0	0	0	0	0	0	0
n	5	5	5	5	5	5	5	5

Animal No.	Piloerection	Pupil size	Salivation	Abnormal respiration	Vocalization	Reactivity to handling
4008	0	0	0	0	0	0
4009	0	0	0	0	0	0
4010	0	0	0	0	0	0
4011	0	0	0	0	0	0
4012	0	0	0	0	0	0
n	5	5	5	5	5	5

Ease of removal from cage) -1: Atypically docile, 0: Easy, 1: Some resistance/avoidance, 2: Difficult, 3: Very difficult
Fur condition) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Normal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Normal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Normal, 1: Half opened pupil, 2: Mydriasis
Salivation) 0: None, 1: Slight, 2: Moderate, 3: Marked
Abnormal respiration) 0: None, 1: Slight, 2: Moderate, 3: Severe
Vocalization) 0: None, 1: Soft, 2: Moderate, 3: Loud/aggressive
Reactivity to handling) -1: Atypically docile, 0: Easy, 1: Slightly awkward, 2: Awkward, 3: Very Awkward
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

In-the-hand observation
Generation : F0 Sex : Female Week : 1 Period : Recovery (non-mating group) Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	Ease of removal from cage	Fur condition	Skin	Secretions-Eye, Nose	Exophthalmos	Palpebral closure	Mucosal membranes	Lacrimation
5106	0	0	0	0	0	0	0	0
5107	0	0	0	0	0	0	0	0
5108	0	0	0	0	0	0	0	0
5109	0	0	0	0	0	0	0	0
5110	0	0	0	0	0	0	0	0
n	5	5	5	5	5	5	5	5

Animal No.	Piloerection	Pupil size	Salivation	Abnormal respiration	Vocalization	Reactivity to handling
5106	0	0	0	0	0	0
5107	0	0	0	0	0	0
5108	0	0	0	0	0	0
5109	0	0	0	0	0	0
5110	0	0	0	0	0	0
n	5	5	5	5	5	5

Ease of removal from cage) -1: Atypically docile, 0: Easy, 1: Some resistance/avoidance, 2: Difficult, 3: Very difficult
Fur condition) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Normal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Normal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Normal, 1: Half opened pupil, 2: Mydriasis
Salivation) 0: None, 1: Slight, 2: Moderate, 3: Marked
Abnormal respiration) 0: None, 1: Slight, 2: Moderate, 3: Severe
Vocalization) 0: None, 1: Soft, 2: Moderate, 3: Loud/aggressive
Reactivity to handling) -1: Atypically docile, 0: Easy, 1: Slightly awkward, 2: Awkward, 3: Very Awkward
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

In-the-hand observation
Generation : F0 Sex : Female Week : 1 Period : Recovery (non-mating group) Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	Ease of removal from cage	Fur condition	Skin	Secretions-Eye, Nose	Exophthalmos	Palpebral closure	Mucosal membranes	Lacrimation
6106	0	0	0	0	0	0	0	0
6107	0	0	0	0	0	0	0	0
6108	0	0	0	0	0	0	0	0
6109	0	0	0	0	0	0	0	0
6110	0	0	0	0	0	0	0	0
n	5	5	5	5	5	5	5	5

Animal No.	Piloerection	Pupil size	Salivation	Abnormal respiration	Vocalization	Reactivity to handling
6106	0	0	0	0	0	0
6107	0	0	0	0	0	0
6108	0	0	0	0	0	0
6109	0	0	0	0	0	0
6110	0	0	0	0	0	0
n	5	5	5	5	5	5

Ease of removal from cage) -1: Atypically docile, 0: Easy, 1: Some resistance/avoidance, 2: Difficult, 3: Very difficult
Fur condition) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Normal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Normal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Normal, 1: Half opened pupil, 2: Mydriasis
Salivation) 0: None, 1: Slight, 2: Moderate, 3: Marked
Abnormal respiration) 0: None, 1: Slight, 2: Moderate, 3: Severe
Vocalization) 0: None, 1: Soft, 2: Moderate, 3: Loud/aggressive
Reactivity to handling) -1: Atypically docile, 0: Easy, 1: Slightly awkward, 2: Awkward, 3: Very Awkward
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

In-the-hand observation
Generation : F0 Sex : Female Week : 2 Period : Recovery (non-mating group) Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	Ease of removal from cage	Fur condition	Skin	Secretions-Eye, Nose	Exophthalmos	Palpebral closure	Mucosal membranes	Lacrimation
5106	0	0	0	0	0	0	0	0
5107	0	0	0	0	0	0	0	0
5108	0	0	0	0	0	0	0	0
5109	0	0	0	0	0	0	0	0
5110	0	0	0	0	0	0	0	0
n	5	5	5	5	5	5	5	5

Animal No.	Piloerection	Pupil size	Salivation	Abnormal respiration	Vocalization	Reactivity to handling
5106	0	0	0	0	0	0
5107	0	0	0	0	0	0
5108	0	0	0	0	0	0
5109	0	0	0	0	0	0
5110	0	0	0	0	0	0
n	5	5	5	5	5	5

Ease of removal from cage) -1: Atypically docile, 0: Easy, 1: Some resistance/avoidance, 2: Difficult, 3: Very difficult
Fur condition) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Normal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Normal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Normal, 1: Half opened pupil, 2: Mydriasis
Salivation) 0: None, 1: Slight, 2: Moderate, 3: Marked
Abnormal respiration) 0: None, 1: Slight, 2: Moderate, 3: Severe
Vocalization) 0: None, 1: Soft, 2: Moderate, 3: Loud/aggressive
Reactivity to handling) -1: Atypically docile, 0: Easy, 1: Slightly awkward, 2: Awkward, 3: Very Awkward
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

In-the-hand observation
Generation : F0 Sex : Female Week : 2 Period : Recovery (non-mating group) Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	Ease of removal from cage	Fur condition	Skin	Secretions-Eye, Nose	Exophthalmos	Palpebral closure	Mucosal membranes	Lacrimation
6106	0	0	0	0	0	0	0	0
6107	0	0	0	0	0	0	0	0
6108	0	0	0	0	0	0	0	0
6109	0	0	0	0	0	0	0	0
6110	0	0	0	0	0	0	0	0
n	5	5	5	5	5	5	5	5

Animal No.	Piloerection	Pupil size	Salivation	Abnormal respiration	Vocalization	Reactivity to handling
6106	0	0	0	0	0	0
6107	0	0	0	0	0	0
6108	0	0	0	0	0	0
6109	0	0	0	0	0	0
6110	0	0	0	0	0	0
n	5	5	5	5	5	5

Ease of removal from cage) -1: Atypically docile, 0: Easy, 1: Some resistance/avoidance, 2: Difficult, 3: Very difficult
Fur condition) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Normal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Normal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Normal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Normal, 1: Half opened pupil, 2: Mydriasis
Salivation) 0: None, 1: Slight, 2: Moderate, 3: Marked
Abnormal respiration) 0: None, 1: Slight, 2: Moderate, 3: Severe
Vocalization) 0: None, 1: Soft, 2: Moderate, 3: Loud/aggressive
Reactivity to handling) -1: Atypically docile, 0: Easy, 1: Slightly awkward, 2: Awkward, 3: Very Awkward
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation

Period : F0 before mating

Generation : F0 Sex : Male Week : 1 Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	Arousal	Convulsion	Abnormal behavior	Stereotypy	Gait	Posture	Grooming	Urination
1001	0	0	0	0	0	N	0	0
1002	0	0	0	0	0	N	0	0
1003	0	0	0	0	0	N	0	0
1004	0	0	0	0	0	N	0	0
1005	0	0	0	0	0	N	0	0
1006	0	0	0	0	0	N	0	0
1007	0	0	0	0	0	N	0	0
1008	0	0	0	0	0	N	0	0
1009	0	0	0	0	0	N	0	0
1010	0	0	0	0	0	N	0	0
1011	0	0	0	0	0	N	0	0
1012	0	0	0	0	0	N	0	0
n	12	12	12	12	12	12	12	12

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Normal, 1: Increased alertness, 2: Markedly alert
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Stereotypy) 0: None, 1: Minor, 2: Moderate, 3: Severe
Gait) U: No/minimal location, 0: Normal, 1: Slight, 2: Moderate, 3: Markedly
Posture) N: Normal, F: Flattened, H: Hunched
Grooming) 0: None, 1: Occasional bouts (up to four), 2: Numerous (more than four)
Urination) 0: None, 1: Small amount, 2: Moderate amount, 3: Large/excessive amount
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation

Period : F0 before mating

Generation : F0 Sex : Male Week : 1 Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
1001	1	0
1002	3	0
1003	2	0
1004	7	0
1005	4	0
1006	3	0
1007	9	0
1008	2	0
1009	1	0
1010	0	0
1011	0	0
1012	1	0
n	12	12
Mean	3	0
S.D.	3	0

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation
Generation : F0 Sex : Male Week : 1 Period : F0 before mating
Dose : EHOEE 100 mg/kg Species : Rat

Animal No.	Arousal	Convulsion	Abnormal behavior	Stereotypy	Gait	Posture	Grooming	Urination
2001	0	0	0	0	0	N	0	0
2002	0	0	0	0	0	N	0	0
2003	0	0	0	0	0	N	0	0
2004	0	0	0	0	0	N	0	0
2005	0	0	0	0	0	N	0	1
2006	0	0	0	0	0	N	0	0
2007	0	0	0	0	0	N	0	0
2008	0	0	0	0	0	N	0	0
2009	0	0	0	0	0	N	0	0
2010	0	0	0	0	0	N	0	0
2011	0	0	0	0	0	N	0	0
2012	0	0	0	0	0	N	0	0
n	12	12	12	12	12	12	12	12

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Normal, 1: Increased alertness, 2: Markedly alert
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Stereotypy) 0: None, 1: Minor, 2: Moderate, 3: Severe
Gait) U: No/minimal location, 0: Normal, 1: Slight, 2: Moderate, 3: Markedly
Posture) N: Normal, F: Flattened, H: Hunched
Grooming) 0: None, 1: Occasional bouts (up to four), 2: Numerous (more than four)
Urination) 0: None, 1: Small amount, 2: Moderate amount, 3: Large/excessive amount
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation

Period : F0 before mating

Generation : F0 Sex : Male Week : 1 Dose : EHOEE 100 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
2001	6	0
2002	8	0
2003	2	0
2004	2	0
2005	3	0
2006	4	0
2007	6	0
2008	1	0
2009	2	0
2010	0	0
2011	3	0
2012	0	0
n	12	12
Mean	3	0
S.D.	3	0

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation
Period : F0 before mating
Generation : F0 Sex : Male Week : 1 Dose : EHOEE 300 mg/kg Species : Rat

Animal No.	Arousal	Convulsion	Abnormal behavior	Stereotypy	Gait	Posture	Grooming	Urination
3001	0	0	0	0	0	N	0	0
3002	0	0	0	0	0	N	0	0
3003	0	0	0	0	0	N	0	0
3004	0	0	0	0	0	N	0	0
3005	0	0	0	0	0	N	0	0
3006	0	0	0	0	0	N	0	0
3007	0	0	0	0	0	N	0	1
3008	0	0	0	0	0	N	0	0
3009	0	0	0	0	0	N	0	0
3010	0	0	0	0	0	N	0	0
3011	0	0	0	0	0	N	0	0
3012	0	0	0	0	0	N	0	0
n	12	12	12	12	12	12	12	12

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Normal, 1: Increased alertness, 2: Markedly alert
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Stereotypy) 0: None, 1: Minor, 2: Moderate, 3: Severe
Gait) U: No/minimal location, 0: Normal, 1: Slight, 2: Moderate, 3: Markedly
Posture) N: Normal, F: Flattened, H: Hunched
Grooming) 0: None, 1: Occasional bouts (up to four), 2: Numerous (more than four)
Urination) 0: None, 1: Small amount, 2: Moderate amount, 3: Large/excessive amount
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation

Period : F0 before mating

Generation : F0 Sex : Male Week : 1 Dose : EHOEE 300 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
3001	5	0
3002	1	0
3003	5	0
3004	2	0
3005	1	0
3006	2	0
3007	5	1
3008	0	0
3009	3	0
3010	3	0
3011	1	0
3012	2	0
n	12	12
Mean	3	0
S.D.	2	0

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation

Period : F0 before mating

Generation : F0 Sex : Male Week : 1 Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	Arousal	Convulsion	Abnormal behavior	Stereotypy	Gait	Posture	Grooming	Urination
4001	0	0	0	0	0	N	0	0
4002	0	0	0	0	0	N	0	0
4003	0	0	0	0	0	N	0	0
4004	0	0	0	0	0	N	0	0
4005	0	0	0	0	0	N	0	0
4006	0	0	0	0	0	N	0	0
4007	0	0	0	0	0	N	0	0
4008	0	0	0	0	0	N	0	0
4009	0	0	0	0	0	N	0	0
4010	0	0	0	0	0	N	0	0
4011	0	0	0	0	0	N	0	0
4012	0	0	0	0	0	N	0	0
n	12	12	12	12	12	12	12	12

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Normal, 1: Increased alertness, 2: Markedly alert
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Stereotypy) 0: None, 1: Minor, 2: Moderate, 3: Severe
Gait) U: No/minimal location, 0: Normal, 1: Slight, 2: Moderate, 3: Markedly
Posture) N: Normal, F: Flattened, H: Hunched
Grooming) 0: None, 1: Occasional bouts (up to four), 2: Numerous (more than four)
Urination) 0: None, 1: Small amount, 2: Moderate amount, 3: Large/excessive amount
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation

Period : F0 before mating

Generation : F0 Sex : Male Week : 1 Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
4001	3	0
4002	8	0
4003	4	0
4004	1	0
4005	2	0
4006	1	0
4007	3	0
4008	1	0
4009	3	0
4010	0	0
4011	3	0
4012	0	0
n	12	12
Mean	2	0
S.D.	2	0

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation

Period : F0 before mating

Generation : F0 Sex : Male Week : 2 Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	Arousal	Convulsion	Abnormal behavior	Stereotypy	Gait	Posture	Grooming	Urination
1001	0	0	0	0	0	N	0	0
1002	0	0	0	0	0	N	0	0
1003	0	0	0	0	0	N	0	0
1004	0	0	0	0	0	N	0	0
1005	0	0	0	0	0	N	0	0
1006	0	0	0	0	0	N	0	0
1007	0	0	0	0	0	N	0	0
1008	0	0	0	0	0	N	0	0
1009	0	0	0	0	0	N	0	0
1010	0	0	0	0	0	N	0	0
1011	0	0	0	0	0	N	0	0
1012	0	0	0	0	0	N	0	0
n	12	12	12	12	12	12	12	12

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Normal, 1: Increased alertness, 2: Markedly alert
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Stereotypy) 0: None, 1: Minor, 2: Moderate, 3: Severe
Gait) U: No/minimal location, 0: Normal, 1: Slight, 2: Moderate, 3: Markedly
Posture) N: Normal, F: Flattened, H: Hunched
Grooming) 0: None, 1: Occasional bouts (up to four), 2: Numerous (more than four)
Urination) 0: None, 1: Small amount, 2: Moderate amount, 3: Large/excessive amount
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation

Period : F0 before mating

Generation : F0 Sex : Male Week : 2 Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
1001	2	0
1002	6	0
1003	4	0
1004	4	0
1005	5	0
1006	0	0
1007	6	0
1008	4	0
1009	2	0
1010	3	0
1011	1	0
1012	0	0
n	12	12
Mean	3	0
S.D.	2	0

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation
Period : F0 before mating
Generation : F0 Sex : Male Week : 2 Dose : EHOEE 100 mg/kg Species : Rat

Animal No.	Arousal	Convulsion	Abnormal behavior	Stereotypy	Gait	Posture	Grooming	Urination
2001	0	0	0	0	0	N	0	0
2002	0	0	0	0	0	N	0	0
2003	0	0	0	0	0	N	0	1
2004	0	0	0	0	0	N	0	0
2005	0	0	0	0	0	N	0	0
2006	0	0	0	0	0	N	0	1
2007	0	0	0	0	0	N	0	0
2008	0	0	0	0	0	N	0	0
2009	0	0	0	0	0	N	0	0
2010	0	0	0	0	0	N	0	0
2011	0	0	0	0	0	N	0	0
2012	0	0	0	0	0	N	0	0
n	12	12	12	12	12	12	12	12

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Normal, 1: Increased alertness, 2: Markedly alert
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Stereotypy) 0: None, 1: Minor, 2: Moderate, 3: Severe
Gait) U: No/minimal location, 0: Normal, 1: Slight, 2: Moderate, 3: Markedly
Posture) N: Normal, F: Flattened, H: Hunched
Grooming) 0: None, 1: Occasional bouts (up to four), 2: Numerous (more than four)
Urination) 0: None, 1: Small amount, 2: Moderate amount, 3: Large/excessive amount
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation

Period : F0 before mating

Generation : F0 Sex : Male Week : 2 Dose : EHOEE 100 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
2001	4	0
2002	7	0
2003	5	0
2004	2	0
2005	4	0
2006	2	0
2007	8	0
2008	5	0
2009	4	0
2010	4	0
2011	3	0
2012	5	0
n	12	12
Mean	4	0
S.D.	2	0

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation

Period : F0 before mating

Generation : F0 Sex : Male Week : 2 Dose : EHOEE 300 mg/kg Species : Rat

Animal No.	Arousal	Convulsion	Abnormal behavior	Stereotypy	Gait	Posture	Grooming	Urination
3001	0	0	0	0	0	N	0	0
3002	0	0	0	0	0	N	0	0
3003	0	0	0	0	0	N	0	0
3004	0	0	0	0	0	N	0	0
3005	0	0	0	0	0	N	0	0
3006	0	0	0	0	0	N	0	0
3007	0	0	0	0	0	N	0	0
3008	0	0	0	0	0	N	0	0
3009	0	0	0	0	0	N	0	0
3010	0	0	0	0	0	N	0	0
3011	0	0	0	0	0	N	0	0
3012	0	0	0	0	0	N	0	0
n	12	12	12	12	12	12	12	12

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Normal, 1: Increased alertness, 2: Markedly alert
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Stereotypy) 0: None, 1: Minor, 2: Moderate, 3: Severe
Gait) U: No/minimal location, 0: Normal, 1: Slight, 2: Moderate, 3: Markedly
Posture) N: Normal, F: Flattened, H: Hunched
Grooming) 0: None, 1: Occasional bouts (up to four), 2: Numerous (more than four)
Urination) 0: None, 1: Small amount, 2: Moderate amount, 3: Large/excessive amount
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation

Generation : F0 Sex : Male Week : 2 Period : F0 before mating Dose : EHOEE 300 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
3001	4	0
3002	3	0
3003	2	0
3004	1	0
3005	1	0
3006	5	0
3007	0	1
3008	5	0
3009	6	0
3010	0	0
3011	5	0
3012	2	0
n	12	12
Mean	3	0
S.D.	2	0

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation — Period : F0 before mating

Generation : F0 — Sex : Male — Week : 2 — Dose : EHOEE 1000 mg/kg — Species : Rat

Animal No.	Arousal	Convulsion	Abnormal behavior	Stereotypy	Gait	Posture	Grooming	Urination
4001	0	0	0	0	0	N	0	0
4002	0	0	0	0	0	N	0	0
4003	0	0	0	0	0	N	0	0
4004	0	0	0	0	0	N	0	0
4005	0	0	0	0	0	N	0	0
4006	0	0	0	0	0	N	0	0
4007	0	0	0	0	0	N	0	0
4008	0	0	0	0	0	N	0	0
4009	0	0	0	0	0	N	0	0
4010	0	0	0	0	0	N	0	0
4011	0	0	0	0	0	N	0	0
4012	0	0	0	0	0	N	0	0
n	12	12	12	12	12	12	12	12

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Normal, 1: Increased alertness, 2: Markedly alert
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Stereotypy) 0: None, 1: Minor, 2: Moderate, 3: Severe
Gait) U: No/minimal location, 0: Normal, 1: Slight, 2: Moderate, 3: Markedly
Posture) N: Normal, F: Flattened, H: Hunched
Grooming) 0: None, 1: Occasional bouts (up to four), 2: Numerous (more than four)
Urination) 0: None, 1: Small amount, 2: Moderate amount, 3: Large/excessive amount
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation

Period : F0 before mating

Generation : F0 Sex : Male Week : 2 Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
4001	1	0
4002	6	0
4003	6	0
4004	3	0
4005	4	0
4006	5	0
4007	6	0
4008	4	0
4009	4	0
4010	1	0
4011	6	0
4012	2	0
n	12	12
Mean	4	0
S.D.	2	0

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation — Period : F0 mating

Generation : F0 — Sex : Male — Week : 3 — Dose : EHOEE 0 mg/kg — Species : Rat

Animal No.	Arousal	Convulsion	Abnormal behavior	Stereotypy	Gait	Posture	Grooming	Urination
1001	0	0	0	0	0	N	0	0
1002	0	0	0	0	0	N	0	0
1003	0	0	0	0	0	N	0	0
1004	0	0	0	0	0	N	0	0
1005	0	0	0	0	0	N	0	0
1006	0	0	0	0	0	N	0	0
1007	0	0	0	0	0	N	0	0
1008	0	0	0	0	0	N	0	0
1009	0	0	0	0	0	N	0	0
1010	0	0	0	0	0	N	0	0
1011	0	0	0	0	0	N	0	0
1012	0	0	0	0	0	N	0	0
n	12	12	12	12	12	12	12	12

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Normal, 1: Increased alertness, 2: Markedly alert
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Stereotypy) 0: None, 1: Minor, 2: Moderate, 3: Severe
Gait) U: No/minimal location, 0: Normal, 1: Slight, 2: Moderate, 3: Markedly
Posture) N: Normal, F: Flattened, H: Hunched
Grooming) 0: None, 1: Occasional bouts (up to four), 2: Numerous (more than four)
Urination) 0: None, 1: Small amount, 2: Moderate amount, 3: Large/excessive amount
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Open field observation Period : F0 mating
Generation : F0 Sex : Male Week : 3 Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
1001	3	0
1002	2	0
1003	3	0
1004	8	0
1005	5	0
1006	0	0
1007	5	0
1008	2	0
1009	3	0
1010	3	0
1011	3	0
1012	0	0
n	12	12
Mean	3	0
S.D.	2	0

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation — Period : F0 mating

Generation : F0 — Sex : Male — Week : 3 — Dose : EHOEE 100 mg/kg — Species : Rat

Animal No.	Arousal	Convulsion	Abnormal behavior	Stereotypy	Gait	Posture	Grooming	Urination
2001	0	0	0	0	0	N	0	0
2002	0	0	0	0	0	N	0	1
2003	0	0	0	0	0	N	0	0
2004	0	0	0	0	0	N	0	0
2005	0	0	0	0	0	N	0	0
2006	0	0	0	0	0	N	0	0
2007	0	0	0	0	0	N	0	0
2008	0	0	0	0	0	N	0	0
2009	0	0	0	0	0	N	0	0
2010	0	0	0	0	0	N	0	0
2011	0	0	0	0	0	N	0	0
2012	0	0	0	0	0	N	0	0
n	12	12	12	12	12	12	12	12

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Normal, 1: Increased alertness, 2: Markedly alert
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Stereotypy) 0: None, 1: Minor, 2: Moderate, 3: Severe
Gait) U: No/minimal location, 0: Normal, 1: Slight, 2: Moderate, 3: Markedly
Posture) N: Normal, F: Flattened, H: Hunched
Grooming) 0: None, 1: Occasional bouts (up to four), 2: Numerous (more than four)
Urination) 0: None, 1: Small amount, 2: Moderate amount, 3: Large/excessive amount
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Open field observation Period : F0 mating

Generation : F0 Sex : Male Week : 3 Dose : EHOEE 100 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
2001	4	0
2002	3	0
2003	4	0
2004	2	0
2005	5	0
2006	0	0
2007	4	0
2008	6	0
2009	6	0
2010	2	0
2011	1	0
2012	4	0
n	12	12
Mean	3	0
S.D.	2	0

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation

Period : F0 mating

Generation : F0 Sex : Male Week : 3 Dose : EHOEE 300 mg/kg Species : Rat

Animal No.	Arousal	Convulsion	Abnormal behavior	Stereotypy	Gait	Posture	Grooming	Urination
3001	0	0	0	0	0	N	0	0
3002	0	0	0	0	0	N	0	0
3003	0	0	0	0	0	N	0	0
3004	0	0	0	0	0	N	0	0
3005	0	0	0	0	0	N	0	0
3006	0	0	0	0	0	N	0	0
3007	0	0	0	0	0	N	0	1
3008	0	0	0	0	0	N	0	0
3009	0	0	0	0	0	N	0	0
3010	0	0	0	0	0	N	0	0
3011	0	0	0	0	0	N	0	0
3012	0	0	0	0	0	N	0	0
n	12	12	12	12	12	12	12	12

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Normal, 1: Increased alertness, 2: Markedly alert
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Stereotypy) 0: None, 1: Minor, 2: Moderate, 3: Severe
Gait) U: No/minimal location, 0: Normal, 1: Slight, 2: Moderate, 3: Markedly
Posture) N: Normal, F: Flattened, H: Hunched
Grooming) 0: None, 1: Occasional bouts (up to four), 2: Numerous (more than four)
Urination) 0: None, 1: Small amount, 2: Moderate amount, 3: Large/excessive amount
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation

Period : F0 mating

Generation : F0 Sex : Male Week : 3 Dose : EHOEE 300 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
3001	4	0
3002	2	0
3003	5	0
3004	4	0
3005	2	0
3006	4	0
3007	4	0
3008	4	0
3009	2	0
3010	1	0
3011	7	0
3012	2	0
n	12	12
Mean	3	0
S.D.	2	0

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation

Period : F0 mating

Generation : F0 Sex : Male Week : 3 Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	Arousal	Convulsion	Abnormal behavior	Stereotypy	Gait	Posture	Grooming	Urination
4001	0	0	0	0	0	N	0	0
4002	0	0	0	0	0	N	0	0
4003	0	0	0	0	0	N	0	0
4004	0	0	0	0	0	N	0	0
4005	0	0	0	0	0	N	0	0
4006	0	0	0	0	0	N	0	0
4007	0	0	0	0	0	N	0	0
4008	0	0	0	0	0	N	0	0
4009	0	0	0	0	0	N	0	0
4010	0	0	0	0	0	N	0	0
4011	0	0	0	0	0	N	0	0
4012	0	0	0	0	0	N	0	0
n	12	12	12	12	12	12	12	12

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Normal, 1: Increased alertness, 2: Markedly alert
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Stereotypy) 0: None, 1: Minor, 2: Moderate, 3: Severe
Gait) U: No/minimal location, 0: Normal, 1: Slight, 2: Moderate, 3: Markedly
Posture) N: Normal, F: Flattened, H: Hunched
Grooming) 0: None, 1: Occasional bouts (up to four), 2: Numerous (more than four)
Urination) 0: None, 1: Small amount, 2: Moderate amount, 3: Large/excessive amount
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation

Period : F0 mating

Generation : F0 Sex : Male Week : 3 Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
4001	3	0
4002	6	0
4003	4	0
4004	6	0
4005	3	0
4006	7	0
4007	2	0
4008	8	0
4009	3	0
4010	2	0
4011	4	0
4012	1	0
n	12	12
Mean	4	0
S.D.	2	0

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation — Period : F0 mating

Generation : F0 — Sex : Male — Week : 4 — Dose : EHOEE 0 mg/kg — Species : Rat

Animal No.	Arousal	Convulsion	Abnormal behavior	Stereotypy	Gait	Posture	Grooming	Urination
1001	0	0	0	0	0	N	0	0
1002	0	0	0	0	0	N	0	0
1003	0	0	0	0	0	N	0	0
1004	0	0	0	0	0	N	0	0
1005	0	0	0	0	0	N	0	0
1006	0	0	0	0	0	N	0	0
1007	0	0	0	0	0	N	0	0
1008	0	0	0	0	0	N	0	0
1009	0	0	0	0	0	N	0	0
1010	0	0	0	0	0	N	0	0
1011	0	0	0	0	0	N	0	0
1012	0	0	0	0	0	N	0	0
n	12	12	12	12	12	12	12	12

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Normal, 1: Increased alertness, 2: Markedly alert
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Stereotypy) 0: None, 1: Minor, 2: Moderate, 3: Severe
Gait) U: No/minimal location, 0: Normal, 1: Slight, 2: Moderate, 3: Markedly
Posture) N: Normal, F: Flattened, H: Hunched
Grooming) 0: None, 1: Occasional bouts (up to four), 2: Numerous (more than four)
Urination) 0: None, 1: Small amount, 2: Moderate amount, 3: Large/excessive amount
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Open field observation Period : F0 mating
Generation : F0 Sex : Male Week : 4 Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
1001	3	0
1002	4	0
1003	3	0
1004	5	0
1005	4	0
1006	0	0
1007	4	0
1008	4	0
1009	6	0
1010	4	0
1011	4	0
1012	0	0
n	12	12
Mean	3	0
S.D.	2	0

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation

Period : F0 mating

Generation : F0 Sex : Male Week : 4 Dose : EHOEE 100 mg/kg Species : Rat

Animal No.	Arousal	Convulsion	Abnormal behavior	Stereotypy	Gait	Posture	Grooming	Urination
2001	0	0	0	0	0	N	0	0
2002	0	0	0	0	0	N	0	0
2003	0	0	0	0	0	N	0	0
2004	0	0	0	0	0	N	0	0
2005	0	0	0	0	0	N	0	0
2006	0	0	0	0	0	N	0	1
2007	0	0	0	0	0	N	0	1
2008	0	0	0	0	0	N	0	0
2009	0	0	0	0	0	N	0	0
2010	0	0	0	0	0	N	0	0
2011	0	0	0	0	0	N	0	0
2012	0	0	0	0	0	N	0	0
n	12	12	12	12	12	12	12	12

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Normal, 1: Increased alertness, 2: Markedly alert
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Stereotypy) 0: None, 1: Minor, 2: Moderate, 3: Severe
Gait) U: No/minimal location, 0: Normal, 1: Slight, 2: Moderate, 3: Markedly
Posture) N: Normal, F: Flattened, H: Hunched
Grooming) 0: None, 1: Occasional bouts (up to four), 2: Numerous (more than four)
Urination) 0: None, 1: Small amount, 2: Moderate amount, 3: Large/excessive amount
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation

Period : F0 mating

Generation : F0 Sex : Male Week : 4 Dose : EHOEE 100 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
2001	3	0
2002	2	0
2003	1	0
2004	5	0
2005	2	0
2006	5	0
2007	6	0
2008	4	0
2009	3	0
2010	3	0
2011	1	0
2012	1	0
n	12	12
Mean	3	0
S.D.	2	0

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation — Period : F0 mating

Generation : F0 — Sex : Male — Week : 4 — Dose : EHOEE 300 mg/kg — Species : Rat

Animal No.	Arousal	Convulsion	Abnormal behavior	Stereotypy	Gait	Posture	Grooming	Urination
3001	0	0	0	0	0	N	0	0
3002	0	0	0	0	0	N	0	0
3003	0	0	0	0	0	N	0	0
3004	0	0	0	0	0	N	0	0
3005	0	0	0	0	0	N	0	0
3006	0	0	0	0	0	N	0	0
3007	0	0	0	0	0	N	0	1
3008	0	0	0	0	0	N	0	0
3009	0	0	0	0	0	N	0	0
3010	0	0	0	0	0	N	0	0
3011	0	0	0	0	0	N	0	0
3012	0	0	0	0	0	N	0	0
n	12	12	12	12	12	12	12	12

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Normal, 1: Increased alertness, 2: Markedly alert
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Stereotypy) 0: None, 1: Minor, 2: Moderate, 3: Severe
Gait) U: No/minimal location, 0: Normal, 1: Slight, 2: Moderate, 3: Markedly
Posture) N: Normal, F: Flattened, H: Hunched
Grooming) 0: None, 1: Occasional bouts (up to four), 2: Numerous (more than four)
Urination) 0: None, 1: Small amount, 2: Moderate amount, 3: Large/excessive amount
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation

Period : F0 mating

Generation : F0 Sex : Male Week : 4 Dose : EHOEE 300 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
3001	2	0
3002	1	0
3003	5	0
3004	0	0
3005	6	0
3006	1	0
3007	3	0
3008	5	0
3009	3	0
3010	5	0
3011	4	0
3012	3	0
n	12	12
Mean	3	0
S.D.	2	0

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation — Period : F0 mating

Generation : F0 — Sex : Male — Week : 4 — Dose : EHOEE 1000 mg/kg — Species : Rat

Animal No.	Arousal	Convulsion	Abnormal behavior	Stereotypy	Gait	Posture	Grooming	Urination
4001	0	0	0	0	0	N	0	0
4002	0	0	0	0	0	N	0	0
4003	0	0	0	0	0	N	0	0
4004	0	0	0	0	0	N	0	0
4005	0	0	0	0	0	N	0	0
4006	0	0	0	0	0	N	0	0
4007	0	0	0	0	0	N	0	0
4008	0	0	0	0	0	N	0	0
4009	0	0	0	0	0	N	0	0
4010	0	0	0	0	0	N	0	0
4011	0	0	0	0	0	N	0	0
4012	0	0	0	0	0	N	0	0
n	12	12	12	12	12	12	12	12

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Normal, 1: Increased alertness, 2: Markedly alert
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Stereotypy) 0: None, 1: Minor, 2: Moderate, 3: Severe
Gait) U: No/minimal location, 0: Normal, 1: Slight, 2: Moderate, 3: Markedly
Posture) N: Normal, F: Flattened, H: Hunched
Grooming) 0: None, 1: Occasional bouts (up to four), 2: Numerous (more than four)
Urination) 0: None, 1: Small amount, 2: Moderate amount, 3: Large/excessive amount
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation

Period : F0 mating

Generation : F0 Sex : Male Week : 4 Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
4001	1	0
4002	3	0
4003	5	0
4004	6	0
4005	4	0
4006	3	0
4007	1	0
4008	4	0
4009	5	0
4010	4	0
4011	4	0
4012	4	0
n	12	12
Mean	4	0
S.D.	1	0

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation — Period : F0 mating

Generation : F0 — Sex : Male — Week : 5 — Dose : EHOEE 0 mg/kg — Species : Rat

Animal No.	Arousal	Convulsion	Abnormal behavior	Stereotypy	Gait	Posture	Grooming	Urination
1001	0	0	0	0	0	N	0	0
1002	0	0	0	0	0	N	0	1
1003	0	0	0	0	0	N	0	0
1004	0	0	0	0	0	N	0	0
1005	0	0	0	0	0	N	0	0
1006	0	0	0	0	0	N	0	0
1007	0	0	0	0	0	N	0	0
1008	0	0	0	0	0	N	0	0
1009	0	0	0	0	0	N	0	0
1010	0	0	0	0	0	N	0	0
1011	0	0	0	0	0	N	0	0
1012	0	0	0	0	0	N	0	0
n	12	12	12	12	12	12	12	12

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Normal, 1: Increased alertness, 2: Markedly alert
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Stereotypy) 0: None, 1: Minor, 2: Moderate, 3: Severe
Gait) U: No/minimal location, 0: Normal, 1: Slight, 2: Moderate, 3: Markedly
Posture) N: Normal, F: Flattened, H: Hunched
Grooming) 0: None, 1: Occasional bouts (up to four), 2: Numerous (more than four)
Urination) 0: None, 1: Small amount, 2: Moderate amount, 3: Large/excessive amount
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation

Generation : F0 Sex : Male Week : 5 Period : F0 mating Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
1001	4	0
1002	3	0
1003	7	0
1004	6	0
1005	5	0
1006	4	0
1007	8	0
1008	5	0
1009	4	0
1010	6	0
1011	6	0
1012	1	0
n	12	12
Mean	5	0
S.D.	2	0

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation — Period : F0 mating

Generation : F0 — Sex : Male — Week : 5 — Dose : EHOEE 100 mg/kg — Species : Rat

Animal No.	Arousal	Convulsion	Abnormal behavior	Stereotypy	Gait	Posture	Grooming	Urination
2001	0	0	0	0	0	N	0	0
2002	0	0	0	0	0	N	0	0
2003	0	0	0	0	0	N	0	1
2004	0	0	0	0	0	N	0	0
2005	0	0	0	0	0	N	0	0
2006	0	0	0	0	0	N	0	1
2007	0	0	0	0	0	N	0	0
2008	0	0	0	0	0	N	0	0
2009	0	0	0	0	0	N	0	0
2010	0	0	0	0	0	N	0	0
2011	0	0	0	0	0	N	0	0
2012	0	0	0	0	0	N	0	0
n	12	12	12	12	12	12	12	12

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Normal, 1: Increased alertness, 2: Markedly alert
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Stereotypy) 0: None, 1: Minor, 2: Moderate, 3: Severe
Gait) U: No/minimal location, 0: Normal, 1: Slight, 2: Moderate, 3: Markedly
Posture) N: Normal, F: Flattened, H: Hunched
Grooming) 0: None, 1: Occasional bouts (up to four), 2: Numerous (more than four)
Urination) 0: None, 1: Small amount, 2: Moderate amount, 3: Large/excessive amount
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation

Period : F0 mating

Generation : F0 Sex : Male Week : 5 Dose : EHOEE 100 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
2001	7	0
2002	7	0
2003	1	0
2004	5	0
2005	7	0
2006	4	0
2007	5	0
2008	4	0
2009	5	0
2010	4	0
2011	3	0
2012	2	0
n	12	12
Mean	5	0
S.D.	2	0

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation — Period : F0 mating

Generation : F0 — Sex : Male — Week : 5 — Dose : EHOEE 300 mg/kg — Species : Rat

Animal No.	Arousal	Convulsion	Abnormal behavior	Stereotypy	Gait	Posture	Grooming	Urination
3001	0	0	0	0	0	N	0	0
3002	0	0	0	0	0	N	0	0
3003	0	0	0	0	0	N	0	0
3004	0	0	0	0	0	N	0	1
3005	0	0	0	0	0	N	0	0
3006	0	0	0	0	0	N	0	0
3007	0	0	0	0	0	N	0	1
3008	0	0	0	0	0	N	0	0
3009	0	0	0	0	0	N	0	0
3010	0	0	0	0	0	N	0	0
3011	0	0	0	0	0	N	0	0
3012	0	0	0	0	0	N	0	0
n	12	12	12	12	12	12	12	12

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Normal, 1: Increased alertness, 2: Markedly alert
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Stereotypy) 0: None, 1: Minor, 2: Moderate, 3: Severe
Gait) U: No/minimal location, 0: Normal, 1: Slight, 2: Moderate, 3: Markedly
Posture) N: Normal, F: Flattened, H: Hunched
Grooming) 0: None, 1: Occasional bouts (up to four), 2: Numerous (more than four)
Urination) 0: None, 1: Small amount, 2: Moderate amount, 3: Large/excessive amount
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation

Period : F0 mating

Generation : F0 Sex : Male Week : 5 Dose : EHOEE 300 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
3001	4	0
3002	2	0
3003	6	0
3004	2	0
3005	5	0
3006	3	0
3007	4	0
3008	5	0
3009	2	0
3010	3	0
3011	6	0
3012	4	0
n	12	12
Mean	4	0
S.D.	1	0

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation — Period : F0 mating

Generation : F0 — Sex : Male — Week : 5 — Dose : EHOEE 1000 mg/kg — Species : Rat

Animal No.	Arousal	Convulsion	Abnormal behavior	Stereotypy	Gait	Posture	Grooming	Urination
4001	0	0	0	0	0	N	0	0
4002	0	0	0	0	0	N	0	0
4003	0	0	0	0	0	N	0	0
4004	0	0	0	0	0	N	0	1
4005	0	0	0	0	0	N	0	0
4006	0	0	0	0	0	N	0	0
4007	0	0	0	0	0	N	0	0
4008	0	0	0	0	0	N	0	0
4009	0	0	0	0	0	N	0	0
4010	0	0	0	0	0	N	0	0
4011	0	0	0	0	0	N	0	0
4012	0	0	0	0	0	N	0	0
n	12	12	12	12	12	12	12	12

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Normal, 1: Increased alertness, 2: Markedly alert
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Stereotypy) 0: None, 1: Minor, 2: Moderate, 3: Severe
Gait) U: No/minimal location, 0: Normal, 1: Slight, 2: Moderate, 3: Markedly
Posture) N: Normal, F: Flattened, H: Hunched
Grooming) 0: None, 1: Occasional bouts (up to four), 2: Numerous (more than four)
Urination) 0: None, 1: Small amount, 2: Moderate amount, 3: Large/excessive amount
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation

Generation : F0 Sex : Male Week : 5 Period : F0 mating Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
4001	4	0
4002	4	0
4003	6	0
4004	4	0
4005	7	0
4006	5	0
4007	5	0
4008	4	0
4009	4	0
4010	2	0
4011	5	0
4012	4	0
n	12	12
Mean	5	0
S.D.	1	0

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation — Period : F0 mating

Generation : F0 — Sex : Male — Week : 6 — Dose : EHOEE 0 mg/kg — Species : Rat

Animal No.	Arousal	Convulsion	Abnormal behavior	Stereotypy	Gait	Posture	Grooming	Urination
1001	0	0	0	0	0	N	0	0
1002	0	0	0	0	0	N	0	0
1003	0	0	0	0	0	N	0	0
1004	0	0	0	0	0	N	0	0
1005	0	0	0	0	0	N	0	0
1006	0	0	0	0	0	N	0	1
1007	0	0	0	0	0	N	0	0
1008	0	0	0	0	0	N	0	0
1009	0	0	0	0	0	N	0	0
1010	0	0	0	0	0	N	0	0
1011	0	0	0	0	0	N	0	0
1012	0	0	0	0	0	N	0	0
n	12	12	12	12	12	12	12	12

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Normal, 1: Increased alertness, 2: Markedly alert
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Stereotypy) 0: None, 1: Minor, 2: Moderate, 3: Severe
Gait) U: No/minimal location, 0: Normal, 1: Slight, 2: Moderate, 3: Markedly
Posture) N: Normal, F: Flattened, H: Hunched
Grooming) 0: None, 1: Occasional bouts (up to four), 2: Numerous (more than four)
Urination) 0: None, 1: Small amount, 2: Moderate amount, 3: Large/excessive amount
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation

Generation : F0 Sex : Male Week : 6 Period : F0 mating Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
1001	4	0
1002	4	0
1003	3	0
1004	8	0
1005	1	0
1006	2	0
1007	5	0
1008	7	0
1009	1	0
1010	6	0
1011	3	0
1012	5	0
n	12	12
Mean	4	0
S.D.	2	0

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation — Period : F0 mating

Generation : F0 — Sex : Male — Week : 6 — Dose : EHOEE 100 mg/kg — Species : Rat

Animal No.	Arousal	Convulsion	Abnormal behavior	Stereotypy	Gait	Posture	Grooming	Urination
2001	0	0	0	0	0	N	0	1
2002	0	0	0	0	0	N	0	0
2003	0	0	0	0	0	N	0	0
2004	0	0	0	0	0	N	0	0
2005	0	0	0	0	0	N	0	0
2006	0	0	0	0	0	N	0	0
2007	0	0	0	0	0	N	0	0
2008	0	0	0	0	0	N	0	0
2009	0	0	0	0	0	N	0	0
2010	0	0	0	0	0	N	0	0
2011	0	0	0	0	0	N	0	0
2012	0	0	0	0	0	N	0	0
n	12	12	12	12	12	12	12	12

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Normal, 1: Increased alertness, 2: Markedly alert
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Stereotypy) 0: None, 1: Minor, 2: Moderate, 3: Severe
Gait) U: No/minimal location, 0: Normal, 1: Slight, 2: Moderate, 3: Markedly
Posture) N: Normal, F: Flattened, H: Hunched
Grooming) 0: None, 1: Occasional bouts (up to four), 2: Numerous (more than four)
Urination) 0: None, 1: Small amount, 2: Moderate amount, 3: Large/excessive amount
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation

Period : F0 mating

Generation : F0 Sex : Male Week : 6 Dose : EHOEE 100 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
2001	8	0
2002	6	0
2003	0	0
2004	5	0
2005	5	0
2006	4	0
2007	4	0
2008	7	0
2009	8	0
2010	4	0
2011	3	0
2012	5	0
n	12	12
Mean	5	0
S.D.	2	0

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation — Period : F0 mating

Generation : F0 — Sex : Male — Week : 6 — Dose : EHOEE 300 mg/kg — Species : Rat

Animal No.	Arousal	Convulsion	Abnormal behavior	Stereotypy	Gait	Posture	Grooming	Urination
3001	0	0	0	0	0	N	0	0
3002	0	0	0	0	0	N	0	0
3003	0	0	0	0	0	N	0	0
3004	0	0	0	0	0	N	0	0
3005	0	0	0	0	0	N	0	0
3006	0	0	0	0	0	N	0	0
3007	0	0	0	0	0	N	0	0
3008	0	0	0	0	0	N	0	0
3009	0	0	0	0	0	N	0	0
3010	0	0	0	0	0	N	0	0
3011	0	0	0	0	0	N	0	0
3012	0	0	0	0	0	N	0	0
n	12	12	12	12	12	12	12	12

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Normal, 1: Increased alertness, 2: Markedly alert
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Stereotypy) 0: None, 1: Minor, 2: Moderate, 3: Severe
Gait) U: No/minimal location, 0: Normal, 1: Slight, 2: Moderate, 3: Markedly
Posture) N: Normal, F: Flattened, H: Hunched
Grooming) 0: None, 1: Occasional bouts (up to four), 2: Numerous (more than four)
Urination) 0: None, 1: Small amount, 2: Moderate amount, 3: Large/excessive amount
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation

Period : F0 mating

Generation : F0 Sex : Male Week : 6 Dose : EHOEE 300 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
3001	4	0
3002	6	0
3003	1	0
3004	2	0
3005	6	0
3006	2	0
3007	5	0
3008	4	0
3009	5	0
3010	3	0
3011	4	0
3012	5	0
n	12	12
Mean	4	0
S.D.	2	0

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation
Generation : F0 Sex : Male Week : 6 Period : F0 mating
Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	Arousal	Convulsion	Abnormal behavior	Stereotypy	Gait	Posture	Grooming	Urination
4001	0	0	0	0	0	N	0	0
4002	0	0	0	0	0	N	0	0
4003	0	0	0	0	0	N	0	0
4004	0	0	0	0	0	N	0	1
4005	0	0	0	0	0	N	0	0
4006	0	0	0	0	0	N	0	0
4007	0	0	0	0	0	N	0	0
4008	0	0	0	0	0	N	0	0
4009	0	0	0	0	0	N	0	1
4010	0	0	0	0	0	N	0	0
4011	0	0	0	0	0	N	0	0
4012	0	0	0	0	0	N	0	0
n	12	12	12	12	12	12	12	12

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Normal, 1: Increased alertness, 2: Markedly alert
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Stereotypy) 0: None, 1: Minor, 2: Moderate, 3: Severe
Gait) U: No/minimal location, 0: Normal, 1: Slight, 2: Moderate, 3: Markedly
Posture) N: Normal, F: Flattened, H: Hunched
Grooming) 0: None, 1: Occasional bouts (up to four), 2: Numerous (more than four)
Urination) 0: None, 1: Small amount, 2: Moderate amount, 3: Large/excessive amount
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation

Period : F0 mating

Generation : F0 Sex : Male Week : 6 Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
4001	2	0
4002	5	0
4003	4	0
4004	3	0
4005	6	0
4006	4	0
4007	5	0
4008	7	0
4009	7	0
4010	2	0
4011	4	0
4012	6	0
n	12	12
Mean	5	0
S.D.	2	0

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation — Period : F0 before mating

Generation : F0 — Sex : Female — Week : 1 — Dose : EHOEE 0 mg/kg — Species : Rat

Animal No.	Arousal	Convulsion	Abnormal behavior	Stereotypy	Gait	Posture	Grooming	Urination
1101	0	0	0	0	0	N	0	0
1102	0	0	0	0	0	N	0	0
1103	0	0	0	0	0	N	0	0
1104	0	0	0	0	0	N	0	0
1105	0	0	0	0	0	N	0	0
1106	0	0	0	0	0	N	0	0
1107	0	0	0	0	0	N	0	0
1108	0	0	0	0	0	N	0	0
1109	0	0	0	0	0	N	0	0
1110	0	0	0	0	0	N	0	0
1111	0	0	0	0	0	N	0	0
1112	0	0	0	0	0	N	0	0
n	12	12	12	12	12	12	12	12

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Normal, 1: Increased alertness, 2: Markedly alert
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Stereotypy) 0: None, 1: Minor, 2: Moderate, 3: Severe
Gait) U: No/minimal location, 0: Normal, 1: Slight, 2: Moderate, 3: Markedly
Posture) N: Normal, F: Flattened, H: Hunched
Grooming) 0: None, 1: Occasional bouts (up to four), 2: Numerous (more than four)
Urination) 0: None, 1: Small amount, 2: Moderate amount, 3: Large/excessive amount
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation

Period : F0 before mating

Generation : F0 Sex : Female Week : 1 Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
1101	9	0
1102	3	0
1103	7	0
1104	6	0
1105	4	0
1106	3	0
1107	3	0
1108	9	0
1109	8	0
1110	0	0
1111	3	0
1112	6	0
n	12	12
Mean	5	0
S.D.	3	0

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation

Period : F0 before mating

Generation : F0 Sex : Female Week : 1 Dose : EHOEE 100 mg/kg Species : Rat

Animal No.	Arousal	Convulsion	Abnormal behavior	Stereotypy	Gait	Posture	Grooming	Urination
2101	0	0	0	0	0	N	0	0
2102	0	0	0	0	0	N	0	0
2103	0	0	0	0	0	N	0	0
2104	0	0	0	0	0	N	0	0
2105	0	0	0	0	0	N	0	0
2106	0	0	0	0	0	N	0	0
2107	0	0	0	0	0	N	0	0
2108	0	0	0	0	0	N	0	0
2109	0	0	0	0	0	N	0	0
2110	0	0	0	0	0	N	0	0
2111	0	0	0	0	0	N	0	0
2112	0	0	0	0	0	N	0	0
n	12	12	12	12	12	12	12	12

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Normal, 1: Increased alertness, 2: Markedly alert
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Stereotypy) 0: None, 1: Minor, 2: Moderate, 3: Severe
Gait) U: No/minimal location, 0: Normal, 1: Slight, 2: Moderate, 3: Markedly
Posture) N: Normal, F: Flattened, H: Hunched
Grooming) 0: None, 1: Occasional bouts (up to four), 2: Numerous (more than four)
Urination) 0: None, 1: Small amount, 2: Moderate amount, 3: Large/excessive amount
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation

Generation : F0 Sex : Female Week : 1 Period : F0 before mating Dose : EHOEE 100 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
2101	7	0
2102	5	0
2103	6	0
2104	8	0
2105	3	0
2106	4	0
2107	9	0
2108	6	0
2109	7	0
2110	5	0
2111	1	0
2112	6	0
n	12	12
Mean	6	0
S.D.	2	0

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation

Period : F0 before mating

Generation : F0 Sex : Female Week : 1 Dose : EHOEE 300 mg/kg Species : Rat

Animal No.	Arousal	Convulsion	Abnormal behavior	Stereotypy	Gait	Posture	Grooming	Urination
3101	0	0	0	0	0	N	0	0
3102	0	0	0	0	0	N	0	0
3103	0	0	0	0	0	N	0	0
3104	0	0	0	0	0	N	0	0
3105	0	0	0	0	0	N	0	0
3106	0	0	0	0	0	N	0	0
3107	0	0	0	0	0	N	0	0
3108	0	0	0	0	0	N	0	0
3109	0	0	0	0	0	N	0	0
3110	0	0	0	0	0	N	0	0
3111	0	0	0	0	0	N	0	0
3112	0	0	0	0	0	N	0	0
n	12	12	12	12	12	12	12	12

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Normal, 1: Increased alertness, 2: Markedly alert
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Stereotypy) 0: None, 1: Minor, 2: Moderate, 3: Severe
Gait) U: No/minimal location, 0: Normal, 1: Slight, 2: Moderate, 3: Markedly
Posture) N: Normal, F: Flattened, H: Hunched
Grooming) 0: None, 1: Occasional bouts (up to four), 2: Numerous (more than four)
Urination) 0: None, 1: Small amount, 2: Moderate amount, 3: Large/excessive amount
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation

Period : F0 before mating

Generation : F0 Sex : Female Week : 1 Dose : EHOEE 300 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
3101	5	0
3102	8	0
3103	7	0
3104	9	0
3105	10	0
3106	5	0
3107	7	0
3108	3	0
3109	6	0
3110	6	0
3111	8	0
3112	8	0
n	12	12
Mean	7	0
S.D.	2	0

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation — Period : F0 before mating

Generation : F0 — Sex : Female — Week : 1 — Dose : EHOEE 1000 mg/kg — Species : Rat

Animal No.	Arousal	Convulsion	Abnormal behavior	Stereotypy	Gait	Posture	Grooming	Urination
4101	0	0	0	0	0	N	0	0
4102	0	0	0	0	0	N	0	0
4103	0	0	0	0	0	N	0	0
4104	0	0	0	0	0	N	0	0
4105	0	0	0	0	0	N	0	0
4106	0	0	0	0	0	N	0	0
4107	0	0	0	0	0	N	0	0
4108	0	0	0	0	0	N	0	0
4109	0	0	0	0	0	N	0	0
4110	0	0	0	0	0	N	0	0
4111	0	0	0	0	0	N	0	0
4112	0	0	0	0	0	N	0	0
n	12	12	12	12	12	12	12	12

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Normal, 1: Increased alertness, 2: Markedly alert
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Stereotypy) 0: None, 1: Minor, 2: Moderate, 3: Severe
Gait) U: No/minimal location, 0: Normal, 1: Slight, 2: Moderate, 3: Markedly
Posture) N: Normal, F: Flattened, H: Hunched
Grooming) 0: None, 1: Occasional bouts (up to four), 2: Numerous (more than four)
Urination) 0: None, 1: Small amount, 2: Moderate amount, 3: Large/excessive amount
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation

Period : F0 before mating

Generation : F0 Sex : Female Week : 1 Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
4101	7	0
4102	6	0
4103	6	0
4104	4	0
4105	3	0
4106	5	0
4107	4	0
4108	2	0
4109	4	0
4110	4	0
4111	7	0
4112	6	0
n	12	12
Mean	5	0
S.D.	2	0

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation

Period : F0 before mating

Generation : F0 Sex : Female Week : 2 Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	Arousal	Convulsion	Abnormal behavior	Stereotypy	Gait	Posture	Grooming	Urination
1101	0	0	0	0	0	N	0	0
1102	0	0	0	0	0	N	0	0
1103	0	0	0	0	0	N	0	0
1104	0	0	0	0	0	N	0	0
1105	0	0	0	0	0	N	0	0
1106	0	0	0	0	0	N	0	0
1107	0	0	0	0	0	N	0	0
1108	0	0	0	0	0	N	0	0
1109	0	0	0	0	0	N	0	0
1110	0	0	0	0	0	N	0	0
1111	0	0	0	0	0	N	0	0
1112	0	0	0	0	0	N	0	0
n	12	12	12	12	12	12	12	12

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Normal, 1: Increased alertness, 2: Markedly alert
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Stereotypy) 0: None, 1: Minor, 2: Moderate, 3: Severe
Gait) U: No/minimal location, 0: Normal, 1: Slight, 2: Moderate, 3: Markedly
Posture) N: Normal, F: Flattened, H: Hunched
Grooming) 0: None, 1: Occasional bouts (up to four), 2: Numerous (more than four)
Urination) 0: None, 1: Small amount, 2: Moderate amount, 3: Large/excessive amount
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation

Period : F0 before mating

Generation : F0 Sex : Female Week : 2 Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
1101	10	0
1102	8	0
1103	9	0
1104	5	0
1105	4	0
1106	8	0
1107	6	0
1108	10	0
1109	10	0
1110	9	0
1111	11	0
1112	13	0
n	12	12
Mean	9	0
S.D.	3	0

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Appendix 2 - 211 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Open field observation Period : F0 before mating

Generation : F0 Sex : Female Week : 2 Dose : EHOEE 100 mg/kg Species : Rat

Animal No.	Arousal	Convulsion	Abnormal behavior	Stereotypy	Gait	Posture	Grooming	Urination
2101	0	0	0	0	0	N	0	0
2102	0	0	0	0	0	N	0	0
2103	0	0	0	0	0	N	0	0
2104	0	0	0	0	0	N	0	0
2105	0	0	0	0	0	N	0	0
2106	0	0	0	0	0	N	0	0
2107	0	0	0	0	0	N	0	0
2108	0	0	0	0	0	N	0	0
2109	0	0	0	0	0	N	0	0
2110	0	0	0	0	0	N	0	0
2111	0	0	0	0	0	N	0	0
2112	0	0	0	0	0	N	0	0
n	12	12	12	12	12	12	12	12

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Normal, 1: Increased alertness, 2: Markedly alert
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Stereotypy) 0: None, 1: Minor, 2: Moderate, 3: Severe
Gait) U: No/minimal location, 0: Normal, 1: Slight, 2: Moderate, 3: Markedly
Posture) N: Normal, F: Flattened, H: Hunched
Grooming) 0: None, 1: Occasional bouts (up to four), 2: Numerous (more than four)
Urination) 0: None, 1: Small amount, 2: Moderate amount, 3: Large/excessive amount
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation

Period : F0 before mating

Generation : F0 Sex : Female Week : 2 Dose : EHOEE 100 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
2101	9	0
2102	7	0
2103	9	0
2104	13	0
2105	5	0
2106	8	0
2107	11	0
2108	11	0
2109	11	0
2110	8	0
2111	2	0
2112	7	0
n	12	12
Mean	8	0
S.D.	3	0

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation

Period : F0 before mating

Generation : F0 Sex : Female Week : 2 Dose : EHOEE 300 mg/kg Species : Rat

Animal No.	Arousal	Convulsion	Abnormal behavior	Stereotypy	Gait	Posture	Grooming	Urination
3101	0	0	0	0	0	N	0	0
3102	0	0	0	0	0	N	0	0
3103	0	0	0	0	0	N	0	0
3104	0	0	0	0	0	N	0	0
3105	0	0	0	0	0	N	0	0
3106	0	0	0	0	0	N	0	0
3107	0	0	0	0	0	N	0	0
3108	0	0	0	0	0	N	0	0
3109	0	0	0	0	0	N	0	0
3110	0	0	0	0	0	N	0	0
3111	0	0	0	0	0	N	0	0
3112	0	0	0	0	0	N	0	0
n	12	12	12	12	12	12	12	12

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Normal, 1: Increased alertness, 2: Markedly alert
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Stereotypy) 0: None, 1: Minor, 2: Moderate, 3: Severe
Gait) U: No/minimal location, 0: Normal, 1: Slight, 2: Moderate, 3: Markedly
Posture) N: Normal, F: Flattened, H: Hunched
Grooming) 0: None, 1: Occasional bouts (up to four), 2: Numerous (more than four)
Urination) 0: None, 1: Small amount, 2: Moderate amount, 3: Large/excessive amount
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation

Period : F0 before mating

Generation : F0 Sex : Female Week : 2 Dose : EHOEE 300 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
3101	7	0
3102	6	0
3103	5	0
3104	10	0
3105	10	0
3106	5	0
3107	8	0
3108	5	0
3109	10	0
3110	8	0
3111	11	0
3112	8	0
n	12	12
Mean	8	0
S.D.	2	0

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation — Period : F0 before mating

Generation : F0 — Sex : Female — Week : 2 — Dose : EHOEE 1000 mg/kg — Species : Rat

Animal No.	Arousal	Convulsion	Abnormal behavior	Stereotypy	Gait	Posture	Grooming	Urination
4101	0	0	0	0	0	N	0	0
4102	0	0	0	0	0	N	0	0
4103	0	0	0	0	0	N	0	0
4104	0	0	0	0	0	N	0	0
4105	0	0	0	0	0	N	0	0
4106	0	0	0	0	0	N	0	0
4107	0	0	0	0	0	N	0	0
4108	0	0	0	0	0	N	0	0
4109	0	0	0	0	0	N	0	0
4110	0	0	0	0	0	N	0	0
4111	0	0	0	0	0	N	0	0
4112	0	0	0	0	0	N	0	0
n	12	12	12	12	12	12	12	12

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Normal, 1: Increased alertness, 2: Markedly alert
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Stereotypy) 0: None, 1: Minor, 2: Moderate, 3: Severe
Gait) U: No/minimal location, 0: Normal, 1: Slight, 2: Moderate, 3: Markedly
Posture) N: Normal, F: Flattened, H: Hunched
Grooming) 0: None, 1: Occasional bouts (up to four), 2: Numerous (more than four)
Urination) 0: None, 1: Small amount, 2: Moderate amount, 3: Large/excessive amount
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Open field observation Period : F0 before mating

Generation : F0 Sex : Female Week : 2 Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
4101	12	0
4102	11	0
4103	6	0
4104	10	0
4105	6	0
4106	9	0
4107	10	0
4108	6	0
4109	10	0
4110	8	0
4111	7	0
4112	10	0
n	12	12
Mean	9	0
S.D.	2	0

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation — Period : F0 gestation

Generation : F0 — Sex : Female — Day : 1 — Dose : EHOEE 0 mg/kg — Species : Rat

Animal No.	Arousal	Convulsion	Abnormal behavior	Stereotypy	Gait	Posture	Grooming	Urination
1101	0	0	0	0	0	N	0	0
1102	0	0	0	0	0	N	0	0
1103	0	0	0	0	0	N	0	0
1104	0	0	0	0	0	N	0	0
1105	0	0	0	0	0	N	0	0
1107	0	0	0	0	0	N	0	0
1108	0	0	0	0	0	N	0	0
1109	0	0	0	0	0	N	0	0
1110	0	0	0	0	0	N	0	0
1111	0	0	0	0	0	N	0	0
1112	0	0	0	0	0	N	0	0
n	11	11	11	11	11	11	11	11

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Normal, 1: Increased alertness, 2: Markedly alert
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Stereotypy) 0: None, 1: Minor, 2: Moderate, 3: Severe
Gait) U: No/minimal location, 0: Normal, 1: Slight, 2: Moderate, 3: Markedly
Posture) N: Normal, F: Flattened, H: Hunched
Grooming) 0: None, 1: Occasional bouts (up to four), 2: Numerous (more than four)
Urination) 0: None, 1: Small amount, 2: Moderate amount, 3: Large/excessive amount
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation

Period : F0 gestation

Generation : F0 Sex : Female Day : 1 Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
1101	6	0
1102	8	0
1103	4	0
1104	3	0
1105	4	0
1107	6	0
1108	6	0
1109	11	0
1110	4	0
1111	7	0
1112	9	0
n	11	11
Mean	6	0
S.D.	2	0

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation

Period : F0 gestation

Generation : F0 Sex : Female Day : 1 Dose : EHOEE 100 mg/kg Species : Rat

Animal No.	Arousal	Convulsion	Abnormal behavior	Stereotypy	Gait	Posture	Grooming	Urination
2101	0	0	0	0	0	N	0	0
2102	0	0	0	0	0	N	0	0
2103	0	0	0	0	0	N	0	0
2104	0	0	0	0	0	N	0	0
2105	0	0	0	0	0	N	0	0
2106	0	0	0	0	0	N	0	0
2107	0	0	0	0	0	N	0	0
2108	0	0	0	0	0	N	0	0
2109	0	0	0	0	0	N	0	0
2110	0	0	0	0	0	N	0	0
2111	0	0	0	0	0	N	0	0
2112	0	0	0	0	0	N	0	0
n	12	12	12	12	12	12	12	12

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Normal, 1: Increased alertness, 2: Markedly alert
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Stereotypy) 0: None, 1: Minor, 2: Moderate, 3: Severe
Gait) U: No/minimal location, 0: Normal, 1: Slight, 2: Moderate, 3: Markedly
Posture) N: Normal, F: Flattened, H: Hunched
Grooming) 0: None, 1: Occasional bouts (up to four), 2: Numerous (more than four)
Urination) 0: None, 1: Small amount, 2: Moderate amount, 3: Large/excessive amount
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation

Period : F0 gestation

Generation : F0 Sex : Female Day : 1 Dose : EHOEE 100 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
2101	6	0
2102	7	0
2103	8	0
2104	9	0
2105	6	0
2106	8	0
2107	8	0
2108	7	0
2109	8	0
2110	3	0
2111	4	0
2112	8	0
n	12	12
Mean	7	0
S.D.	2	0

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation

Period : F0 gestation

Generation : F0 Sex : Female Day : 1 Dose : EHOEE 300 mg/kg Species : Rat

Animal No.	Arousal	Convulsion	Abnormal behavior	Stereotypy	Gait	Posture	Grooming	Urination
3101	0	0	0	0	0	N	0	0
3102	0	0	0	0	0	N	0	0
3103	0	0	0	0	0	N	0	0
3104	0	0	0	0	0	N	0	0
3105	0	0	0	0	0	N	0	0
3106	0	0	0	0	0	N	0	0
3107	0	0	0	0	0	N	0	0
3108	0	0	0	0	0	N	0	0
3109	0	0	0	0	0	N	0	0
3110	0	0	0	0	0	N	0	0
3111	0	0	0	0	0	N	0	0
3112	0	0	0	0	0	N	0	0
n	12	12	12	12	12	12	12	12

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Normal, 1: Increased alertness, 2: Markedly alert
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Stereotypy) 0: None, 1: Minor, 2: Moderate, 3: Severe
Gait) U: No/minimal location, 0: Normal, 1: Slight, 2: Moderate, 3: Markedly
Posture) N: Normal, F: Flattened, H: Hunched
Grooming) 0: None, 1: Occasional bouts (up to four), 2: Numerous (more than four)
Urination) 0: None, 1: Small amount, 2: Moderate amount, 3: Large/excessive amount
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

Open field observation Period : F0 gestation

Generation : F0 Sex : Female Day : 1 Dose : EHOEE 300 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
3101	6	0
3102	12	0
3103	6	0
3104	9	0
3105	7	0
3106	2	0
3107	7	0
3108	8	0
3109	10	0
3110	6	0
3111	8	0
3112	6	0
n	12	12
Mean	7	0
S.D.	2	0

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

n: Number of dams

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation — Period : F0 gestation

Generation : F0 — Sex : Female — Day : 1 — Dose : EHOEE 1000 mg/kg — Species : Rat

Animal No.	Arousal	Convulsion	Abnormal behavior	Stereotypy	Gait	Posture	Grooming	Urination
4101	0	0	0	0	0	N	0	0
4102	0	0	0	0	0	N	0	0
4103	0	0	0	0	0	N	0	0
4104	0	0	0	0	0	N	0	0
4105	0	0	0	0	0	N	0	0
4106	0	0	0	0	0	N	0	0
4107	0	0	0	0	0	N	0	0
4108	0	0	0	0	0	N	0	0
4109	0	0	0	0	0	N	0	0
4110	0	0	0	0	0	N	0	0
4111	0	0	0	0	0	N	0	0
4112	0	0	0	0	0	N	0	0
n	12	12	12	12	12	12	12	12

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Normal, 1: Increased alertness, 2: Markedly alert
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Stereotypy) 0: None, 1: Minor, 2: Moderate, 3: Severe
Gait) U: No/minimal location, 0: Normal, 1: Slight, 2: Moderate, 3: Markedly
Posture) N: Normal, F: Flattened, H: Hunched
Grooming) 0: None, 1: Occasional bouts (up to four), 2: Numerous (more than four)
Urination) 0: None, 1: Small amount, 2: Moderate amount, 3: Large/excessive amount
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation

Period : F0 gestation

Generation : F0 Sex : Female Day : 1 Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
4101	7	0
4102	6	0
4103	7	0
4104	7	0
4105	10	0
4106	5	0
4107	6	0
4108	6	0
4109	6	0
4110	7	0
4111	7	0
4112	6	0
n	12	12
Mean	7	0
S.D.	1	0

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation — Period : F0 gestation

Generation : F0 — Sex : Female — Day : 7 — Dose : EHOEE 0 mg/kg — Species : Rat

Animal No.	Arousal	Convulsion	Abnormal behavior	Stereotypy	Gait	Posture	Grooming	Urination
1101	0	0	0	0	0	N	0	0
1102	0	0	0	0	0	N	0	0
1103	0	0	0	0	0	N	0	0
1104	0	0	0	0	0	N	0	0
1105	0	0	0	0	0	N	0	0
1107	0	0	0	0	0	N	0	0
1108	0	0	0	0	0	N	0	0
1109	0	0	0	0	0	N	0	0
1110	0	0	0	0	0	N	0	0
1111	0	0	0	0	0	N	0	0
1112	0	0	0	0	0	N	0	0
n	11	11	11	11	11	11	11	11

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Normal, 1: Increased alertness, 2: Markedly alert
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Stereotypy) 0: None, 1: Minor, 2: Moderate, 3: Severe
Gait) U: No/minimal location, 0: Normal, 1: Slight, 2: Moderate, 3: Markedly
Posture) N: Normal, F: Flattened, H: Hunched
Grooming) 0: None, 1: Occasional bouts (up to four), 2: Numerous (more than four)
Urination) 0: None, 1: Small amount, 2: Moderate amount, 3: Large/excessive amount
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation

Generation : F0 Sex : Female Day : 7 Period : F0 gestation Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
1101	6	0
1102	6	0
1103	7	0
1104	4	0
1105	4	0
1107	4	0
1108	4	0
1109	8	0
1110	8	0
1111	7	0
1112	8	0
n	11	11
Mean	6	0
S.D.	2	0

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation

Period : F0 gestation

Generation : F0 Sex : Female Day : 7 Dose : EHOEE 100 mg/kg Species : Rat

Animal No.	Arousal	Convulsion	Abnormal behavior	Stereotypy	Gait	Posture	Grooming	Urination
2101	0	0	0	0	0	N	0	0
2102	0	0	0	0	0	N	0	0
2103	0	0	0	0	0	N	0	0
2104	0	0	0	0	0	N	0	0
2105	0	0	0	0	0	N	0	0
2106	0	0	0	0	0	N	0	0
2107	0	0	0	0	0	N	0	0
2108	0	0	0	0	0	N	0	0
2109	0	0	0	0	0	N	0	0
2110	0	0	0	0	0	N	0	0
2111	0	0	0	0	0	N	0	0
2112	0	0	0	0	0	N	0	0
n	12	12	12	12	12	12	12	12

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Normal, 1: Increased alertness, 2: Markedly alert
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Stereotypy) 0: None, 1: Minor, 2: Moderate, 3: Severe
Gait) U: No/minimal location, 0: Normal, 1: Slight, 2: Moderate, 3: Markedly
Posture) N: Normal, F: Flattened, H: Hunched
Grooming) 0: None, 1: Occasional bouts (up to four), 2: Numerous (more than four)
Urination) 0: None, 1: Small amount, 2: Moderate amount, 3: Large/excessive amount
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation

Period : F0 gestation

Generation : F0 Sex : Female Day : 7 Dose : EHOEE 100 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
2101	6	0
2102	6	0
2103	8	0
2104	8	0
2105	6	0
2106	7	0
2107	11	0
2108	8	0
2109	7	0
2110	6	0
2111	3	0
2112	7	0
n	12	12
Mean	7	0
S.D.	2	0

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation

Period : F0 gestation

Generation : F0 Sex : Female Day : 7 Dose : EHOEE 300 mg/kg Species : Rat

Animal No.	Arousal	Convulsion	Abnormal behavior	Stereotypy	Gait	Posture	Grooming	Urination
3101	0	0	0	0	0	N	0	0
3102	0	0	0	0	0	N	0	0
3103	0	0	0	0	0	N	0	0
3104	0	0	0	0	0	N	0	0
3105	0	0	0	0	0	N	0	0
3106	0	0	0	0	0	N	0	0
3107	0	0	0	0	0	N	0	0
3108	0	0	0	0	0	N	0	0
3109	0	0	0	0	0	N	0	0
3110	0	0	0	0	0	N	0	0
3111	0	0	0	0	0	N	0	0
3112	0	0	0	0	0	N	0	0
n	12	12	12	12	12	12	12	12

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Normal, 1: Increased alertness, 2: Markedly alert
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Stereotypy) 0: None, 1: Minor, 2: Moderate, 3: Severe
Gait) U: No/minimal location, 0: Normal, 1: Slight, 2: Moderate, 3: Markedly
Posture) N: Normal, F: Flattened, H: Hunched
Grooming) 0: None, 1: Occasional bouts (up to four), 2: Numerous (more than four)
Urination) 0: None, 1: Small amount, 2: Moderate amount, 3: Large/excessive amount
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

Open field observation Period : F0 gestation

Generation : F0 Sex : Female Day : 7 Dose : EHOEE 300 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
3101	5	0
3102	10	0
3103	4	0
3104	11	0
3105	5	0
3106	2	0
3107	6	0
3108	6	0
3109	7	0
3110	6	0
3111	7	0
3112	7	0
n	12	12
Mean	6	0
S.D.	2	0

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation — Period : F0 gestation

Generation : F0 — Sex : Female — Day : 7 — Dose : EHOEE 1000 mg/kg — Species : Rat

Animal No.	Arousal	Convulsion	Abnormal behavior	Stereotypy	Gait	Posture	Grooming	Urination
4101	0	0	0	0	0	N	0	0
4102	0	0	0	0	0	N	0	0
4103	0	0	0	0	0	N	0	0
4104	0	0	0	0	0	N	0	0
4105	0	0	0	0	0	N	0	0
4106	0	0	0	0	0	N	0	0
4107	0	0	0	0	0	N	0	0
4108	0	0	0	0	0	N	0	0
4109	0	0	0	0	0	N	0	0
4110	0	0	0	0	0	N	0	0
4111	0	0	0	0	0	N	0	0
4112	0	0	0	0	0	N	0	0
n	12	12	12	12	12	12	12	12

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Normal, 1: Increased alertness, 2: Markedly alert
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Stereotypy) 0: None, 1: Minor, 2: Moderate, 3: Severe
Gait) U: No/minimal location, 0: Normal, 1: Slight, 2: Moderate, 3: Markedly
Posture) N: Normal, F: Flattened, H: Hunched
Grooming) 0: None, 1: Occasional bouts (up to four), 2: Numerous (more than four)
Urination) 0: None, 1: Small amount, 2: Moderate amount, 3: Large/excessive amount
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

Open field observation Period : F0 gestation

Generation : F0 Sex : Female Day : 7 Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
4101	6	0
4102	6	0
4103	7	0
4104	4	0
4105	5	0
4106	5	0
4107	4	0
4108	6	0
4109	9	0
4110	5	0
4111	6	0
4112	5	0
n	12	12
Mean	6	0
S.D.	1	0

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation — Period : F0 gestation

Generation : F0 — Sex : Female — Day : 14 — Dose : EHOEE 0 mg/kg — Species : Rat

Animal No.	Arousal	Convulsion	Abnormal behavior	Stereotypy	Gait	Posture	Grooming	Urination
1101	0	0	0	0	0	N	0	0
1102	0	0	0	0	0	N	0	0
1103	0	0	0	0	0	N	0	0
1104	0	0	0	0	0	N	0	0
1105	0	0	0	0	0	N	0	0
1107	0	0	0	0	0	N	0	0
1108	0	0	0	0	0	N	0	0
1109	0	0	0	0	0	N	0	0
1110	0	0	0	0	0	N	0	0
1111	0	0	0	0	0	N	0	0
1112	0	0	0	0	0	N	0	0
n	11	11	11	11	11	11	11	11

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Normal, 1: Increased alertness, 2: Markedly alert
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Stereotypy) 0: None, 1: Minor, 2: Moderate, 3: Severe
Gait) U: No/minimal location, 0: Normal, 1: Slight, 2: Moderate, 3: Markedly
Posture) N: Normal, F: Flattened, H: Hunched
Grooming) 0: None, 1: Occasional bouts (up to four), 2: Numerous (more than four)
Urination) 0: None, 1: Small amount, 2: Moderate amount, 3: Large/excessive amount
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation

Generation : F0 Sex : Female Day : 14 Period : F0 gestation Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
1101	5	0
1102	7	0
1103	4	0
1104	6	0
1105	5	0
1107	1	0
1108	3	0
1109	4	0
1110	4	0
1111	6	0
1112	9	0
n	11	11
Mean	5	0
S.D.	2	0

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation

Period : F0 gestation

Generation : F0 Sex : Female Day : 14 Dose : EHOEE 100 mg/kg Species : Rat

Animal No.	Arousal	Convulsion	Abnormal behavior	Stereotypy	Gait	Posture	Grooming	Urination
2101	0	0	0	0	0	N	0	0
2102	0	0	0	0	0	N	0	0
2103	0	0	0	0	0	N	0	0
2104	0	0	0	0	0	N	0	0
2105	0	0	0	0	0	N	0	0
2106	0	0	0	0	0	N	0	0
2107	0	0	0	0	0	N	0	0
2108	0	0	0	0	0	N	0	0
2109	0	0	0	0	0	N	0	0
2110	0	0	0	0	0	N	0	0
2111	0	0	0	0	0	N	0	0
2112	0	0	0	0	0	N	0	0
n	12	12	12	12	12	12	12	12

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Normal, 1: Increased alertness, 2: Markedly alert
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Stereotypy) 0: None, 1: Minor, 2: Moderate, 3: Severe
Gait) U: No/minimal location, 0: Normal, 1: Slight, 2: Moderate, 3: Markedly
Posture) N: Normal, F: Flattened, H: Hunched
Grooming) 0: None, 1: Occasional bouts (up to four), 2: Numerous (more than four)
Urination) 0: None, 1: Small amount, 2: Moderate amount, 3: Large/excessive amount
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation

Period : F0 gestation

Generation : F0 Sex : Female Day : 14 Dose : EHOEE 100 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
2101	8	0
2102	4	0
2103	7	0
2104	8	0
2105	6	0
2106	4	0
2107	4	0
2108	6	0
2109	7	0
2110	1	0
2111	2	0
2112	5	0
n	12	12
Mean	5	0
S.D.	2	0

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation

Period : F0 gestation

Generation : F0 Sex : Female Day : 14 Dose : EHOEE 300 mg/kg Species : Rat

Animal No.	Arousal	Convulsion	Abnormal behavior	Stereotypy	Gait	Posture	Grooming	Urination
3101	0	0	0	0	0	N	0	0
3102	0	0	0	0	0	N	0	0
3103	0	0	0	0	0	N	0	0
3104	0	0	0	0	0	N	0	0
3105	0	0	0	0	0	N	0	0
3106	0	0	0	0	0	N	0	0
3107	0	0	0	0	0	N	0	0
3108	0	0	0	0	0	N	0	0
3109	0	0	0	0	0	N	0	0
3110	0	0	0	0	0	N	0	0
3111	0	0	0	0	0	N	0	0
3112	0	0	0	0	0	N	0	0
n	12	12	12	12	12	12	12	12

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Normal, 1: Increased alertness, 2: Markedly alert
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
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Stereotypy) 0: None, 1: Minor, 2: Moderate, 3: Severe
Gait) U: No/minimal location, 0: Normal, 1: Slight, 2: Moderate, 3: Markedly
Posture) N: Normal, F: Flattened, H: Hunched
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EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation

Period : F0 gestation

Generation : F0 Sex : Female Day : 14 Dose : EHOEE 300 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
3101	5	0
3102	9	0
3103	6	0
3104	10	0
3105	5	0
3106	3	0
3107	9	0
3108	3	0
3109	7	0
3110	7	0
3111	8	0
3112	8	0
n	12	12
Mean	7	0
S.D.	2	0

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation

Period : F0 gestation

Generation : F0 Sex : Female Day : 14 Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	Arousal	Convulsion	Abnormal behavior	Stereotypy	Gait	Posture	Grooming	Urination
4101	0	0	0	0	0	N	0	0
4102	0	0	0	0	0	N	0	0
4103	0	0	0	0	0	N	0	0
4104	0	0	0	0	0	N	0	0
4105	0	0	0	0	0	N	0	0
4106	0	0	0	0	0	N	0	0
4107	0	0	0	0	0	N	0	0
4108	0	0	0	0	0	N	0	0
4109	0	0	0	0	0	N	0	0
4110	0	0	0	0	0	N	0	0
4111	0	0	0	0	0	N	0	0
4112	0	0	0	0	0	N	0	0
n	12	12	12	12	12	12	12	12

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Normal, 1: Increased alertness, 2: Markedly alert
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Stereotypy) 0: None, 1: Minor, 2: Moderate, 3: Severe
Gait) U: No/minimal location, 0: Normal, 1: Slight, 2: Moderate, 3: Markedly
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Grooming) 0: None, 1: Occasional bouts (up to four), 2: Numerous (more than four)
Urination) 0: None, 1: Small amount, 2: Moderate amount, 3: Large/excessive amount
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation

Period : F0 gestation

Generation : F0 Sex : Female Day : 14 Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
4101	10	0
4102	8	0
4103	5	0
4104	7	0
4105	7	0
4106	5	0
4107	5	0
4108	2	0
4109	5	0
4110	4	0
4111	6	0
4112	3	0
n	12	12
Mean	6	0
S.D.	2	0

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation — Period : F0 gestation

Generation : F0 — Sex : Female — Day : 20 — Dose : EHOEE 0 mg/kg — Species : Rat

Animal No.	Arousal	Convulsion	Abnormal behavior	Stereotypy	Gait	Posture	Grooming	Urination
1101	0	0	0	0	0	N	0	0
1102	0	0	0	0	0	N	0	0
1103	0	0	0	0	0	N	0	0
1104	0	0	0	0	0	N	0	0
1105	0	0	0	0	0	N	0	0
1107	0	0	0	0	0	N	0	0
1108	0	0	0	0	0	N	0	0
1109	0	0	0	0	0	N	0	0
1110	0	0	0	0	0	N	0	0
1111	0	0	0	0	0	N	0	0
1112	0	0	0	0	0	N	0	0
n	11	11	11	11	11	11	11	11

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Normal, 1: Increased alertness, 2: Markedly alert
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Stereotypy) 0: None, 1: Minor, 2: Moderate, 3: Severe
Gait) U: No/minimal location, 0: Normal, 1: Slight, 2: Moderate, 3: Markedly
Posture) N: Normal, F: Flattened, H: Hunched
Grooming) 0: None, 1: Occasional bouts (up to four), 2: Numerous (more than four)
Urination) 0: None, 1: Small amount, 2: Moderate amount, 3: Large/excessive amount
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation

Generation : F0 Sex : Female Day : 20 Period : F0 gestation Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
1101	5	0
1102	4	0
1103	4	0
1104	1	0
1105	4	0
1107	0	0
1108	4	0
1109	1	0
1110	1	0
1111	2	0
1112	5	0
n	11	11
Mean	3	0
S.D.	2	0

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation — Period : F0 gestation

Generation : F0 — Sex : Female — Day : 20 — Dose : EHOEE 100 mg/kg — Species : Rat

Animal No.	Arousal	Convulsion	Abnormal behavior	Stereotypy	Gait	Posture	Grooming	Urination
2101	0	0	0	0	0	N	0	0
2102	0	0	0	0	0	N	0	0
2103	0	0	0	0	0	N	0	0
2104	0	0	0	0	0	N	0	0
2105	0	0	0	0	0	N	0	0
2106	0	0	0	0	0	N	0	0
2107	0	0	0	0	0	N	0	0
2108	0	0	0	0	0	N	0	0
2109	0	0	0	0	0	N	0	0
2110	0	0	0	0	0	N	0	0
2111	0	0	0	0	0	N	0	0
2112	0	0	0	0	0	N	0	0
n	12	12	12	12	12	12	12	12

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Normal, 1: Increased alertness, 2: Markedly alert
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Stereotypy) 0: None, 1: Minor, 2: Moderate, 3: Severe
Gait) U: No/minimal location, 0: Normal, 1: Slight, 2: Moderate, 3: Markedly
Posture) N: Normal, F: Flattened, H: Hunched
Grooming) 0: None, 1: Occasional bouts (up to four), 2: Numerous (more than four)
Urination) 0: None, 1: Small amount, 2: Moderate amount, 3: Large/excessive amount
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation

Period : F0 gestation

Generation : F0 Sex : Female Day : 20 Dose : EHOEE 100 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
2101	6	0
2102	4	0
2103	6	0
2104	7	0
2105	4	0
2106	5	0
2107	5	0
2108	3	0
2109	6	0
2110	2	0
2111	1	0
2112	3	0
n	12	12
Mean	4	0
S.D.	2	0

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation

Period : F0 gestation

Generation : F0 Sex : Female Day : 20 Dose : EHOEE 300 mg/kg Species : Rat

Animal No.	Arousal	Convulsion	Abnormal behavior	Stereotypy	Gait	Posture	Grooming	Urination
3101	0	0	0	0	0	N	0	0
3102	0	0	0	0	0	N	0	0
3103	0	0	0	0	0	N	0	0
3104	0	0	0	0	0	N	0	0
3105	0	0	0	0	0	N	0	0
3106	0	0	0	0	0	N	0	0
3107	0	0	0	0	0	N	0	0
3108	0	0	0	0	0	N	0	0
3109	0	0	0	0	0	N	0	0
3110	0	0	0	0	0	N	0	0
3111	0	0	0	0	0	N	0	0
3112	0	0	0	0	0	N	0	0
n	12	12	12	12	12	12	12	12

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Normal, 1: Increased alertness, 2: Markedly alert
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Stereotypy) 0: None, 1: Minor, 2: Moderate, 3: Severe
Gait) U: No/minimal location, 0: Normal, 1: Slight, 2: Moderate, 3: Markedly
Posture) N: Normal, F: Flattened, H: Hunched
Grooming) 0: None, 1: Occasional bouts (up to four), 2: Numerous (more than four)
Urination) 0: None, 1: Small amount, 2: Moderate amount, 3: Large/excessive amount
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation

Period : F0 gestation

Generation : F0 Sex : Female Day : 20 Dose : EHOEE 300 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
3101	4	0
3102	5	0
3103	6	0
3104	6	0
3105	2	0
3106	0	0
3107	6	0
3108	4	0
3109	6	0
3110	5	0
3111	4	0
3112	3	0
n	12	12
Mean	4	0
S.D.	2	0

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation — Period : F0 gestation

Generation : F0 — Sex : Female — Day : 20 — Dose : EHOEE 1000 mg/kg — Species : Rat

Animal No.	Arousal	Convulsion	Abnormal behavior	Stereotypy	Gait	Posture	Grooming	Urination
4101	0	0	0	0	0	N	0	0
4102	0	0	0	0	0	N	0	0
4103	0	0	0	0	0	N	0	0
4104	0	0	0	0	0	N	0	0
4105	0	0	0	0	0	N	0	0
4106	0	0	0	0	0	N	0	0
4107	0	0	0	0	0	N	0	0
4108	0	0	0	0	0	N	0	0
4109	0	0	0	0	0	N	0	0
4110	0	0	0	0	0	N	0	0
4111	0	0	0	0	0	N	0	0
4112	0	0	0	0	0	N	0	0
n	12	12	12	12	12	12	12	12

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Normal, 1: Increased alertness, 2: Markedly alert
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Stereotypy) 0: None, 1: Minor, 2: Moderate, 3: Severe
Gait) U: No/minimal location, 0: Normal, 1: Slight, 2: Moderate, 3: Markedly
Posture) N: Normal, F: Flattened, H: Hunched
Grooming) 0: None, 1: Occasional bouts (up to four), 2: Numerous (more than four)
Urination) 0: None, 1: Small amount, 2: Moderate amount, 3: Large/excessive amount
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation

Period : F0 gestation

Generation : F0 Sex : Female Day : 20 Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
4101	4	0
4102	5	0
4103	5	0
4104	6	0
4105	3	0
4106	7	0
4107	6	0
4108	2	0
4109	6	0
4110	2	0
4111	1	0
4112	1	0
n	12	12
Mean	4	0
S.D.	2	0

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation — Period : F0 lactation

Generation : F0 — Sex : Female — Day : 6 — Dose : EHOEE 0 mg/kg — Species : Rat

Animal No.	Arousal	Convulsion	Abnormal behavior	Stereotypy	Gait	Posture	Grooming	Urination
1101	0	0	0	0	0	N	0	0
1102	0	0	0	0	0	N	0	0
1103	0	0	0	0	0	N	0	0
1104	0	0	0	0	0	N	0	0
1105	0	0	0	0	0	N	0	0
1107	0	0	0	0	0	N	0	0
1108	0	0	0	0	0	N	0	0
1109	0	0	0	0	0	N	0	0
1110	0	0	0	0	0	N	0	0
1111	0	0	0	0	0	N	0	0
1112	0	0	0	0	0	N	0	0
n	11	11	11	11	11	11	11	11

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Normal, 1: Increased alertness, 2: Markedly alert
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Stereotypy) 0: None, 1: Minor, 2: Moderate, 3: Severe
Gait) U: No/minimal location, 0: Normal, 1: Slight, 2: Moderate, 3: Markedly
Posture) N: Normal, F: Flattened, H: Hunched
Grooming) 0: None, 1: Occasional bouts (up to four), 2: Numerous (more than four)
Urination) 0: None, 1: Small amount, 2: Moderate amount, 3: Large/excessive amount
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation

Generation : F0 Sex : Female Day : 6 Period : F0 lactation Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
1101	4	0
1102	6	0
1103	5	0
1104	5	0
1105	4	0
1107	4	0
1108	6	0
1109	6	0
1110	7	0
1111	7	0
1112	5	0
n	11	11
Mean	5	0
S.D.	1	0

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation

Period : F0 lactation

Generation : F0 Sex : Female Day : 6 Dose : EHOEE 100 mg/kg Species : Rat

Animal No.	Arousal	Convulsion	Abnormal behavior	Stereotypy	Gait	Posture	Grooming	Urination
2101	0	0	0	0	0	N	0	0
2102	0	0	0	0	0	N	0	0
2103	0	0	0	0	0	N	0	0
2104	0	0	0	0	0	N	0	0
2105	0	0	0	0	0	N	0	0
2106	0	0	0	0	0	N	0	0
2107	0	0	0	0	0	N	0	0
2108	0	0	0	0	0	N	0	0
2109	0	0	0	0	0	N	0	0
2110	0	0	0	0	0	N	0	0
2111	0	0	0	0	0	N	0	0
2112	0	0	0	0	0	N	0	0
n	12	12	12	12	12	12	12	12

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Normal, 1: Increased alertness, 2: Markedly alert
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Stereotypy) 0: None, 1: Minor, 2: Moderate, 3: Severe
Gait) U: No/minimal location, 0: Normal, 1: Slight, 2: Moderate, 3: Markedly
Posture) N: Normal, F: Flattened, H: Hunched
Grooming) 0: None, 1: Occasional bouts (up to four), 2: Numerous (more than four)
Urination) 0: None, 1: Small amount, 2: Moderate amount, 3: Large/excessive amount
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation

Generation : F0 Sex : Female Day : 6 Period : F0 lactation Dose : EHOEE 100 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
2101	6	0
2102	6	0
2103	6	0
2104	9	0
2105	6	0
2106	6	0
2107	8	0
2108	7	0
2109	5	0
2110	6	0
2111	4	0
2112	7	0
n	12	12
Mean	6	0
S.D.	1	0

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation

Period : F0 lactation

Generation : F0 Sex : Female Day : 6 Dose : EHOEE 300 mg/kg Species : Rat

Animal No.	Arousal	Convulsion	Abnormal behavior	Stereotypy	Gait	Posture	Grooming	Urination
3101	0	0	0	0	0	N	0	0
3102	0	0	0	0	0	N	0	0
3103	0	0	0	0	0	N	0	0
3104	0	0	0	0	0	N	0	0
3105	0	0	0	0	0	N	0	0
3106	0	0	0	0	0	N	0	0
3107	0	0	0	0	0	N	0	0
3108	0	0	0	0	0	N	0	0
3109	0	0	0	0	0	N	0	0
3110	0	0	0	0	0	N	0	0
3111	0	0	0	0	0	N	0	0
3112	0	0	0	0	0	N	0	0
n	12	12	12	12	12	12	12	12

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Normal, 1: Increased alertness, 2: Markedly alert
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Stereotypy) 0: None, 1: Minor, 2: Moderate, 3: Severe
Gait) U: No/minimal location, 0: Normal, 1: Slight, 2: Moderate, 3: Markedly
Posture) N: Normal, F: Flattened, H: Hunched
Grooming) 0: None, 1: Occasional bouts (up to four), 2: Numerous (more than four)
Urination) 0: None, 1: Small amount, 2: Moderate amount, 3: Large/excessive amount
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation

Generation : F0 Sex : Female Day : 6 Period : F0 lactation Dose : EHOEE 300 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
3101	5	0
3102	7	0
3103	6	0
3104	6	0
3105	5	0
3106	3	0
3107	4	0
3108	7	0
3109	9	0
3110	6	0
3111	6	0
3112	6	0
n	12	12
Mean	6	0
S.D.	2	0

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation

Period : F0 lactation

Generation : F0 Sex : Female Day : 6 Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	Arousal	Convulsion	Abnormal behavior	Stereotypy	Gait	Posture	Grooming	Urination
4101	0	0	0	0	0	N	0	0
4102	0	0	0	0	0	N	0	0
4103	0	0	0	0	0	N	0	0
4104	0	0	0	0	0	N	0	0
4105	0	0	0	0	0	N	0	0
4106	0	0	0	0	0	N	0	0
4107	0	0	0	0	0	N	0	0
4108	0	0	0	0	0	N	0	0
4109	0	0	0	0	0	N	0	0
4110	0	0	0	0	0	N	0	0
4111	0	0	0	0	0	N	0	0
4112	0	0	0	0	0	N	0	0
n	12	12	12	12	12	12	12	12

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Normal, 1: Increased alertness, 2: Markedly alert
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Stereotypy) 0: None, 1: Minor, 2: Moderate, 3: Severe
Gait) U: No/minimal location, 0: Normal, 1: Slight, 2: Moderate, 3: Markedly
Posture) N: Normal, F: Flattened, H: Hunched
Grooming) 0: None, 1: Occasional bouts (up to four), 2: Numerous (more than four)
Urination) 0: None, 1: Small amount, 2: Moderate amount, 3: Large/excessive amount
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

Open field observation Period : F0 lactation

Generation : F0 Sex : Female Day : 6 Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
4101	7	0
4102	5	0
4103	8	0
4104	9	0
4105	6	0
4106	5	0
4107	7	0
4108	8	0
4109	7	0
4110	5	0
4111	5	0
4112	3	0
n	12	12
Mean	6	0
S.D.	2	0

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation — Period : F0 lactation

Generation : F0 — Sex : Female — Day : 13 — Dose : EHOEE 0 mg/kg — Species : Rat

Animal No.	Arousal	Convulsion	Abnormal behavior	Stereotypy	Gait	Posture	Grooming	Urination
1101	0	0	0	0	0	N	0	0
1102	0	0	0	0	0	N	0	0
1103	0	0	0	0	0	N	0	0
1104	0	0	0	0	0	N	0	0
1105	0	0	0	0	0	N	0	0
1107	0	0	0	0	0	N	0	0
1108	0	0	0	0	0	N	0	0
1109	0	0	0	0	0	N	0	0
1110	0	0	0	0	0	N	0	0
1111	0	0	0	0	0	N	0	0
1112	0	0	0	0	0	N	0	0
n	11	11	11	11	11	11	11	11

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Normal, 1: Increased alertness, 2: Markedly alert
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Stereotypy) 0: None, 1: Minor, 2: Moderate, 3: Severe
Gait) U: No/minimal location, 0: Normal, 1: Slight, 2: Moderate, 3: Markedly
Posture) N: Normal, F: Flattened, H: Hunched
Grooming) 0: None, 1: Occasional bouts (up to four), 2: Numerous (more than four)
Urination) 0: None, 1: Small amount, 2: Moderate amount, 3: Large/excessive amount
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation

Generation : F0 Sex : Female Day : 13 Period : F0 lactation Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
1101	4	0
1102	5	0
1103	3	0
1104	5	0
1105	5	0
1107	6	0
1108	7	0
1109	7	0
1110	6	0
1111	8	0
1112	8	0
n	11	11
Mean	6	0
S.D.	2	0

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation

Period : F0 lactation

Generation : F0 Sex : Female Day : 13 Dose : EHOEE 100 mg/kg Species : Rat

Animal No.	Arousal	Convulsion	Abnormal behavior	Stereotypy	Gait	Posture	Grooming	Urination
2101	0	0	0	0	0	N	0	0
2102	0	0	0	0	0	N	0	0
2103	0	0	0	0	0	N	0	0
2104	0	0	0	0	0	N	0	0
2105	0	0	0	0	0	N	0	0
2106	0	0	0	0	0	N	0	0
2107	0	0	0	0	0	N	0	0
2108	0	0	0	0	0	N	0	0
2109	0	0	0	0	0	N	0	0
2110	0	0	0	0	0	N	0	0
2111	0	0	0	0	0	N	0	0
2112	0	0	0	0	0	N	0	0
n	12	12	12	12	12	12	12	12

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Normal, 1: Increased alertness, 2: Markedly alert
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Stereotypy) 0: None, 1: Minor, 2: Moderate, 3: Severe
Gait) U: No/minimal location, 0: Normal, 1: Slight, 2: Moderate, 3: Markedly
Posture) N: Normal, F: Flattened, H: Hunched
Grooming) 0: None, 1: Occasional bouts (up to four), 2: Numerous (more than four)
Urination) 0: None, 1: Small amount, 2: Moderate amount, 3: Large/excessive amount
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

Open field observation Period : F0 lactation

Generation : F0 Sex : Female Day : 13 Dose : EHOEE 100 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
2101	7	0
2102	5	0
2103	8	0
2104	8	0
2105	6	0
2106	8	0
2107	8	0
2108	7	0
2109	9	0
2110	9	0
2111	5	0
2112	8	0
n	12	12
Mean	7	0
S.D.	1	0

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation

Period : F0 lactation

Generation : F0 Sex : Female Day : 13 Dose : EHOEE 300 mg/kg Species : Rat

Animal No.	Arousal	Convulsion	Abnormal behavior	Stereotypy	Gait	Posture	Grooming	Urination
3101	0	0	0	0	0	N	0	0
3102	0	0	0	0	0	N	0	0
3103	0	0	0	0	0	N	0	0
3104	0	0	0	0	0	N	0	0
3105	0	0	0	0	0	N	0	0
3106	0	0	0	0	0	N	0	0
3107	0	0	0	0	0	N	0	0
3108	0	0	0	0	0	N	0	0
3109	0	0	0	0	0	N	0	0
3110	0	0	0	0	0	N	0	0
3111	0	0	0	0	0	N	0	0
3112	0	0	0	0	0	N	0	0
n	12	12	12	12	12	12	12	12

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Normal, 1: Increased alertness, 2: Markedly alert
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Stereotypy) 0: None, 1: Minor, 2: Moderate, 3: Severe
Gait) U: No/minimal location, 0: Normal, 1: Slight, 2: Moderate, 3: Markedly
Posture) N: Normal, F: Flattened, H: Hunched
Grooming) 0: None, 1: Occasional bouts (up to four), 2: Numerous (more than four)
Urination) 0: None, 1: Small amount, 2: Moderate amount, 3: Large/excessive amount
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation

Period : F0 lactation

Generation : F0 Sex : Female Day : 13 Dose : EHOEE 300 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
3101	5	0
3102	12	0
3103	6	0
3104	8	0
3105	3	0
3106	6	0
3107	5	0
3108	7	0
3109	8	0
3110	4	0
3111	3	0
3112	9	0
n	12	12
Mean	6	0
S.D.	3	0

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation — Period : F0 lactation

Generation : F0 — Sex : Female — Day : 13 — Dose : EHOEE 1000 mg/kg — Species : Rat

Animal No.	Arousal	Convulsion	Abnormal behavior	Stereotypy	Gait	Posture	Grooming	Urination
4101	0	0	0	0	0	N	0	0
4102	0	0	0	0	0	N	0	0
4103	0	0	0	0	0	N	0	0
4104	0	0	0	0	0	N	0	0
4105	0	0	0	0	0	N	0	0
4106	0	0	0	0	0	N	0	0
4107	0	0	0	0	0	N	0	0
4108	0	0	0	0	0	N	0	0
4109	0	0	0	0	0	N	0	0
4110	0	0	0	0	0	N	0	0
4111	0	0	0	0	0	N	0	0
4112	0	0	0	0	0	N	0	0
n	12	12	12	12	12	12	12	12

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Normal, 1: Increased alertness, 2: Markedly alert
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Stereotypy) 0: None, 1: Minor, 2: Moderate, 3: Severe
Gait) U: No/minimal location, 0: Normal, 1: Slight, 2: Moderate, 3: Markedly
Posture) N: Normal, F: Flattened, H: Hunched
Grooming) 0: None, 1: Occasional bouts (up to four), 2: Numerous (more than four)
Urination) 0: None, 1: Small amount, 2: Moderate amount, 3: Large/excessive amount
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

Open field observation Period : F0 lactation

Generation : F0 Sex : Female Day : 13 Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
4101	7	0
4102	8	0
4103	7	0
4104	8	0
4105	6	0
4106	8	0
4107	6	0
4108	4	0
4109	4	0
4110	4	0
4111	7	0
4112	4	0
n	12	12
Mean	6	0
S.D.	2	0

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation — Period : Administration (non-mating group)

Generation : F0 — Sex : Female — Week : 1 — Dose : EHOEE 0 mg/kg — Species : Rat

Animal No.	Arousal	Convulsion	Abnormal behavior	Stereotypy	Gait	Posture	Grooming	Urination
5101	0	0	0	0	0	N	0	0
5102	0	0	0	0	0	N	0	0
5103	0	0	0	0	0	N	0	0
5104	0	0	0	0	0	N	0	0
5105	0	0	0	0	0	N	0	0
5106	0	0	0	0	0	N	0	0
5107	0	0	0	0	0	N	0	0
5108	0	0	0	0	0	N	0	0
5109	0	0	0	0	0	N	0	0
5110	0	0	0	0	0	N	0	0
n	10	10	10	10	10	10	10	10

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Normal, 1: Increased alertness, 2: Markedly alert
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Stereotypy) 0: None, 1: Minor, 2: Moderate, 3: Severe
Gait) U: No/minimal location, 0: Normal, 1: Slight, 2: Moderate, 3: Markedly
Posture) N: Normal, F: Flattened, H: Hunched
Grooming) 0: None, 1: Occasional bouts (up to four), 2: Numerous (more than four)
Urination) 0: None, 1: Small amount, 2: Moderate amount, 3: Large/excessive amount
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation

Period : Administration (non-mating group)

Generation : F0 Sex : Female Week : 1 Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
5101	5	0
5102	4	0
5103	5	0
5104	5	0
5105	7	0
5106	2	0
5107	7	0
5108	5	0
5109	2	0
5110	5	0
n	10	10
Mean	5	0
S.D.	2	0

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation — Period : Administration (non-mating group)

Generation : F0 — Sex : Female — Week : 1 — Dose : EHOEE 1000 mg/kg — Species : Rat

Animal No.	Arousal	Convulsion	Abnormal behavior	Stereotypy	Gait	Posture	Grooming	Urination
6101	0	0	0	0	0	N	0	0
6102	0	0	0	0	0	N	0	0
6103	0	0	0	0	0	N	0	0
6104	0	0	0	0	0	N	0	0
6105	0	0	0	0	0	N	0	0
6106	0	0	0	0	0	N	0	0
6107	0	0	0	0	0	N	0	0
6108	0	0	0	0	0	N	0	0
6109	0	0	0	0	0	N	0	0
6110	0	0	0	0	0	N	0	0
n	10	10	10	10	10	10	10	10

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Normal, 1: Increased alertness, 2: Markedly alert
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Stereotypy) 0: None, 1: Minor, 2: Moderate, 3: Severe
Gait) U: No/minimal location, 0: Normal, 1: Slight, 2: Moderate, 3: Markedly
Posture) N: Normal, F: Flattened, H: Hunched
Grooming) 0: None, 1: Occasional bouts (up to four), 2: Numerous (more than four)
Urination) 0: None, 1: Small amount, 2: Moderate amount, 3: Large/excessive amount
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation

Period : Administration (non-mating group)

Generation : F0 Sex : Female Week : 1 Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
6101	7	0
6102	9	0
6103	5	0
6104	6	0
6105	5	0
6106	2	0
6107	6	0
6108	7	0
6109	6	0
6110	2	0
n	10	10
Mean	6	0
S.D.	2	0

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation — Period : Administration (non-mating group)

Generation : F0 — Sex : Female — Week : 2 — Dose : EHOEE 0 mg/kg — Species : Rat

Animal No.	Arousal	Convulsion	Abnormal behavior	Stereotypy	Gait	Posture	Grooming	Urination
5101	0	0	0	0	0	N	0	0
5102	0	0	0	0	0	N	0	0
5103	0	0	0	0	0	N	0	0
5104	0	0	0	0	0	N	0	0
5105	0	0	0	0	0	N	0	0
5106	0	0	0	0	0	N	0	0
5107	0	0	0	0	0	N	0	0
5108	0	0	0	0	0	N	0	0
5109	0	0	0	0	0	N	0	0
5110	0	0	0	0	0	N	0	0
n	10	10	10	10	10	10	10	10

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Normal, 1: Increased alertness, 2: Markedly alert
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Stereotypy) 0: None, 1: Minor, 2: Moderate, 3: Severe
Gait) U: No/minimal location, 0: Normal, 1: Slight, 2: Moderate, 3: Markedly
Posture) N: Normal, F: Flattened, H: Hunched
Grooming) 0: None, 1: Occasional bouts (up to four), 2: Numerous (more than four)
Urination) 0: None, 1: Small amount, 2: Moderate amount, 3: Large/excessive amount
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation

Period : Administration (non-mating group)

Generation : F0 Sex : Female Week : 2 Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
5101	9	0
5102	12	0
5103	12	0
5104	7	0
5105	9	0
5106	5	0
5107	9	0
5108	8	0
5109	7	0
5110	8	0
n	10	10
Mean	9	0
S.D.	2	0

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation — Period : Administration (non-mating group)

Generation : F0 — Sex : Female — Week : 2 — Dose : EHOEE 1000 mg/kg — Species : Rat

Animal No.	Arousal	Convulsion	Abnormal behavior	Stereotypy	Gait	Posture	Grooming	Urination
6101	0	0	0	0	0	N	0	0
6102	0	0	0	0	0	N	0	0
6103	0	0	0	0	0	N	0	0
6104	0	0	0	0	0	N	0	0
6105	0	0	0	0	0	N	0	0
6106	0	0	0	0	0	N	0	0
6107	0	0	0	0	0	N	0	0
6108	0	0	0	0	0	N	0	0
6109	0	0	0	0	0	N	0	0
6110	0	0	0	0	0	N	0	0
n	10	10	10	10	10	10	10	10

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Normal, 1: Increased alertness, 2: Markedly alert
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Stereotypy) 0: None, 1: Minor, 2: Moderate, 3: Severe
Gait) U: No/minimal location, 0: Normal, 1: Slight, 2: Moderate, 3: Markedly
Posture) N: Normal, F: Flattened, H: Hunched
Grooming) 0: None, 1: Occasional bouts (up to four), 2: Numerous (more than four)
Urination) 0: None, 1: Small amount, 2: Moderate amount, 3: Large/excessive amount
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation

Period : Administration (non-mating group)

Generation : F0 Sex : Female Week : 2 Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
6101	10	0
6102	10	0
6103	4	0
6104	8	0
6105	4	0
6106	8	0
6107	6	0
6108	7	0
6109	8	0
6110	8	0
n	10	10
Mean	7	0
S.D.	2	0

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation — Period : Administration (non-mating group)

Generation : F0 — Sex : Female — Week : 3 — Dose : EHOEE 0 mg/kg — Species : Rat

Animal No.	Arousal	Convulsion	Abnormal behavior	Stereotypy	Gait	Posture	Grooming	Urination
5101	0	0	0	0	0	N	0	0
5102	0	0	0	0	0	N	0	0
5103	0	0	0	0	0	N	0	0
5104	0	0	0	0	0	N	0	0
5105	0	0	0	0	0	N	0	0
5106	0	0	0	0	0	N	0	0
5107	0	0	0	0	0	N	0	0
5108	0	0	0	0	0	N	0	0
5109	0	0	0	0	0	N	0	0
5110	0	0	0	0	0	N	0	0
n	10	10	10	10	10	10	10	10

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Normal, 1: Increased alertness, 2: Markedly alert
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Stereotypy) 0: None, 1: Minor, 2: Moderate, 3: Severe
Gait) U: No/minimal location, 0: Normal, 1: Slight, 2: Moderate, 3: Markedly
Posture) N: Normal, F: Flattened, H: Hunched
Grooming) 0: None, 1: Occasional bouts (up to four), 2: Numerous (more than four)
Urination) 0: None, 1: Small amount, 2: Moderate amount, 3: Large/excessive amount
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation

Period : Administration (non-mating group)

Generation : F0 Sex : Female Week : 3 Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
5101	7	0
5102	13	0
5103	9	0
5104	8	0
5105	14	0
5106	7	0
5107	10	0
5108	7	0
5109	10	0
5110	9	0
n	10	10
Mean	9	0
S.D.	2	0

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation — Period : Administration (non-mating group)

Generation : F0 — Sex : Female — Week : 3 — Dose : EHOEE 1000 mg/kg — Species : Rat

Animal No.	Arousal	Convulsion	Abnormal behavior	Stereotypy	Gait	Posture	Grooming	Urination
6101	0	0	0	0	0	N	0	0
6102	0	0	0	0	0	N	0	0
6103	0	0	0	0	0	N	0	0
6104	0	0	0	0	0	N	0	0
6105	0	0	0	0	0	N	0	0
6106	0	0	0	0	0	N	0	0
6107	0	0	0	0	0	N	0	0
6108	0	0	0	0	0	N	0	0
6109	0	0	0	0	0	N	0	0
6110	0	0	0	0	0	N	0	0
n	10	10	10	10	10	10	10	10

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Normal, 1: Increased alertness, 2: Markedly alert
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Stereotypy) 0: None, 1: Minor, 2: Moderate, 3: Severe
Gait) U: No/minimal location, 0: Normal, 1: Slight, 2: Moderate, 3: Markedly
Posture) N: Normal, F: Flattened, H: Hunched
Grooming) 0: None, 1: Occasional bouts (up to four), 2: Numerous (more than four)
Urination) 0: None, 1: Small amount, 2: Moderate amount, 3: Large/excessive amount
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation

Period : Administration (non-mating group)

Generation : F0 Sex : Female Week : 3 Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
6101	10	0
6102	11	0
6103	5	0
6104	11	0
6105	5	0
6106	7	0
6107	9	0
6108	7	0
6109	7	0
6110	6	0
n	10	10
Mean	8	0
S.D.	2	0

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation — Period : Administration (non-mating group)

Generation : F0 — Sex : Female — Week : 4 — Dose : EHOEE 0 mg/kg — Species : Rat

Animal No.	Arousal	Convulsion	Abnormal behavior	Stereotypy	Gait	Posture	Grooming	Urination
5101	0	0	0	0	0	N	0	0
5102	0	0	0	0	0	N	0	0
5103	0	0	0	0	0	N	0	0
5104	0	0	0	0	0	N	0	0
5105	0	0	0	0	0	N	0	0
5106	0	0	0	0	0	N	0	0
5107	0	0	0	0	0	N	0	0
5108	0	0	0	0	0	N	0	0
5109	0	0	0	0	0	N	0	0
5110	0	0	0	0	0	N	0	0
n	10	10	10	10	10	10	10	10

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Normal, 1: Increased alertness, 2: Markedly alert
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Stereotypy) 0: None, 1: Minor, 2: Moderate, 3: Severe
Gait) U: No/minimal location, 0: Normal, 1: Slight, 2: Moderate, 3: Markedly
Posture) N: Normal, F: Flattened, H: Hunched
Grooming) 0: None, 1: Occasional bouts (up to four), 2: Numerous (more than four)
Urination) 0: None, 1: Small amount, 2: Moderate amount, 3: Large/excessive amount
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation

Period : Administration (non-mating group)

Generation : F0 Sex : Female Week : 4 Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
5101	5	0
5102	8	0
5103	6	0
5104	6	0
5105	8	0
5106	10	0
5107	9	0
5108	12	0
5109	10	0
5110	10	0
n	10	10
Mean	8	0
S.D.	2	0

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation — Period : Administration (non-mating group)

Generation : F0 — Sex : Female — Week : 4 — Dose : EHOEE 1000 mg/kg — Species : Rat

Animal No.	Arousal	Convulsion	Abnormal behavior	Stereotypy	Gait	Posture	Grooming	Urination
6101	0	0	0	0	0	N	0	0
6102	0	0	0	0	0	N	0	0
6103	0	0	0	0	0	N	0	0
6104	0	0	0	0	0	N	0	0
6105	0	0	0	0	0	N	0	0
6106	0	0	0	0	0	N	0	0
6107	0	0	0	0	0	N	0	0
6108	0	0	0	0	0	N	0	0
6109	0	0	0	0	0	N	0	0
6110	0	0	0	0	0	N	0	0
n	10	10	10	10	10	10	10	10

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Normal, 1: Increased alertness, 2: Markedly alert
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Stereotypy) 0: None, 1: Minor, 2: Moderate, 3: Severe
Gait) U: No/minimal location, 0: Normal, 1: Slight, 2: Moderate, 3: Markedly
Posture) N: Normal, F: Flattened, H: Hunched
Grooming) 0: None, 1: Occasional bouts (up to four), 2: Numerous (more than four)
Urination) 0: None, 1: Small amount, 2: Moderate amount, 3: Large/excessive amount
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Study No. : R-1270

Open field observation

Period : Administration (non-mating group)

Generation : F0 Sex : Female Week : 4 Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
6101	9	0
6102	10	0
6103	4	0
6104	4	0
6105	5	0
6106	6	0
6107	7	0
6108	7	0
6109	7	0
6110	7	0
n	10	10
Mean	7	0
S.D.	2	0

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation — Period : Administration (non-mating group)

Generation : F0 — Sex : Female — Week : 5 — Dose : EHOEE 0 mg/kg — Species : Rat

Animal No.	Arousal	Convulsion	Abnormal behavior	Stereotypy	Gait	Posture	Grooming	Urination
5101	0	0	0	0	0	N	0	0
5102	0	0	0	0	0	N	0	0
5103	0	0	0	0	0	N	0	0
5104	0	0	0	0	0	N	0	0
5105	0	0	0	0	0	N	0	0
5106	0	0	0	0	0	N	0	0
5107	0	0	0	0	0	N	0	0
5108	0	0	0	0	0	N	0	0
5109	0	0	0	0	0	N	0	0
5110	0	0	0	0	0	N	0	0
n	10	10	10	10	10	10	10	10

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Normal, 1: Increased alertness, 2: Markedly alert
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Stereotypy) 0: None, 1: Minor, 2: Moderate, 3: Severe
Gait) U: No/minimal location, 0: Normal, 1: Slight, 2: Moderate, 3: Markedly
Posture) N: Normal, F: Flattened, H: Hunched
Grooming) 0: None, 1: Occasional bouts (up to four), 2: Numerous (more than four)
Urination) 0: None, 1: Small amount, 2: Moderate amount, 3: Large/excessive amount
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation

Period : Administration (non-mating group)

Generation : F0 Sex : Female Week : 5 Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
5101	8	0
5102	9	0
5103	9	0
5104	9	0
5105	9	0
5106	9	0
5107	7	0
5108	9	0
5109	9	0
5110	9	0
n	10	10
Mean	9	0
S.D.	1	0

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation — Period : Administration (non-mating group)

Generation : F0 — Sex : Female — Week : 5 — Dose : EHOEE 1000 mg/kg — Species : Rat

Animal No.	Arousal	Convulsion	Abnormal behavior	Stereotypy	Gait	Posture	Grooming	Urination
6101	0	0	0	0	0	N	0	0
6102	0	0	0	0	0	N	0	0
6103	0	0	0	0	0	N	0	0
6104	0	0	0	0	0	N	0	0
6105	0	0	0	0	0	N	0	0
6106	0	0	0	0	0	N	0	0
6107	0	0	0	0	0	N	0	0
6108	0	0	0	0	0	N	0	0
6109	0	0	0	0	0	N	0	0
6110	0	0	0	0	0	N	0	0
n	10	10	10	10	10	10	10	10

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Normal, 1: Increased alertness, 2: Markedly alert
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Stereotypy) 0: None, 1: Minor, 2: Moderate, 3: Severe
Gait) U: No/minimal location, 0: Normal, 1: Slight, 2: Moderate, 3: Markedly
Posture) N: Normal, F: Flattened, H: Hunched
Grooming) 0: None, 1: Occasional bouts (up to four), 2: Numerous (more than four)
Urination) 0: None, 1: Small amount, 2: Moderate amount, 3: Large/excessive amount
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation

Period : Administration (non-mating group)

Generation : F0 Sex : Female Week : 5 Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
6101	12	0
6102	10	0
6103	6	0
6104	10	0
6105	4	0
6106	10	0
6107	8	0
6108	6	0
6109	6	0
6110	6	0
n	10	10
Mean	8	0
S.D.	3	0

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation — Period : Administration (non-mating group)

Generation : F0 — Sex : Female — Week : 6 — Dose : EHOEE 0 mg/kg — Species : Rat

Animal No.	Arousal	Convulsion	Abnormal behavior	Stereotypy	Gait	Posture	Grooming	Urination
5101	0	0	0	0	0	N	0	0
5102	0	0	0	0	0	N	0	0
5103	0	0	0	0	0	N	0	0
5104	0	0	0	0	0	N	0	0
5105	0	0	0	0	0	N	0	0
5106	0	0	0	0	0	N	0	0
5107	0	0	0	0	0	N	0	0
5108	0	0	0	0	0	N	0	0
5109	0	0	0	0	0	N	0	0
5110	0	0	0	0	0	N	0	0
n	10	10	10	10	10	10	10	10

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Normal, 1: Increased alertness, 2: Markedly alert
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Stereotypy) 0: None, 1: Minor, 2: Moderate, 3: Severe
Gait) U: No/minimal location, 0: Normal, 1: Slight, 2: Moderate, 3: Markedly
Posture) N: Normal, F: Flattened, H: Hunched
Grooming) 0: None, 1: Occasional bouts (up to four), 2: Numerous (more than four)
Urination) 0: None, 1: Small amount, 2: Moderate amount, 3: Large/excessive amount
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation

Period : Administration (non-mating group)

Generation : F0 Sex : Female Week : 6 Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
5101	8	0
5102	7	0
5103	8	0
5104	8	0
5105	9	0
5106	8	0
5107	13	0
5108	4	0
5109	14	0
5110	9	0
n	10	10
Mean	9	0
S.D.	3	0

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation — Period : Administration (non-mating group)

Generation : F0 — Sex : Female — Week : 6 — Dose : EHOEE 1000 mg/kg — Species : Rat

Animal No.	Arousal	Convulsion	Abnormal behavior	Stereotypy	Gait	Posture	Grooming	Urination
6101	0	0	0	0	0	N	0	0
6102	0	0	0	0	0	N	0	0
6103	0	0	0	0	0	N	0	0
6104	0	0	0	0	0	N	0	0
6105	0	0	0	0	0	N	0	0
6106	0	0	0	0	0	N	0	0
6107	0	0	0	0	0	N	0	0
6108	0	0	0	0	0	N	0	0
6109	0	0	0	0	0	N	0	0
6110	0	0	0	0	0	N	0	0
n	10	10	10	10	10	10	10	10

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Normal, 1: Increased alertness, 2: Markedly alert
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Stereotypy) 0: None, 1: Minor, 2: Moderate, 3: Severe
Gait) U: No/minimal location, 0: Normal, 1: Slight, 2: Moderate, 3: Markedly
Posture) N: Normal, F: Flattened, H: Hunched
Grooming) 0: None, 1: Occasional bouts (up to four), 2: Numerous (more than four)
Urination) 0: None, 1: Small amount, 2: Moderate amount, 3: Large/excessive amount
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation

Period : Administration (non-mating group)

Generation : F0 Sex : Female Week : 6 Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
6101	7	0
6102	9	0
6103	4	0
6104	9	0
6105	7	0
6106	7	0
6107	10	0
6108	7	0
6109	5	0
6110	11	0
n	10	10
Mean	8	0
S.D.	2	0

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation — Period : Recovery

Generation : F0 — Sex : Male — Week : 1 — Dose : EHOEE 0 mg/kg — Species : Rat

Animal No.	Arousal	Convulsion	Abnormal behavior	Stereotypy	Gait	Posture	Grooming	Urination
1008	0	0	0	0	0	N	0	0
1009	0	0	0	0	0	N	0	0
1010	0	0	0	0	0	N	0	0
1011	0	0	0	0	0	N	0	0
1012	0	0	0	0	0	N	0	0
n	5	5	5	5	5	5	5	5

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Normal, 1: Increased alertness, 2: Markedly alert
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Stereotypy) 0: None, 1: Minor, 2: Moderate, 3: Severe
Gait) U: No/minimal location, 0: Normal, 1: Slight, 2: Moderate, 3: Markedly
Posture) N: Normal, F: Flattened, H: Hunched
Grooming) 0: None, 1: Occasional bouts (up to four), 2: Numerous (more than four)
Urination) 0: None, 1: Small amount, 2: Moderate amount, 3: Large/excessive amount
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation

Period : Recovery

Generation : F0 Sex : Male Week : 1 Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
1008	4	0
1009	3	0
1010	3	0
1011	2	0
1012	4	0
n	5	5
Mean	3	0
S.D.	1	0

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation

Period : Recovery

Generation : F0 Sex : Male Week : 1 Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	Arousal	Convulsion	Abnormal behavior	Stereotypy	Gait	Posture	Grooming	Urination
4008	0	0	0	0	0	N	0	0
4009	0	0	0	0	0	N	0	0
4010	0	0	0	0	0	N	0	0
4011	0	0	0	0	0	N	0	0
4012	0	0	0	0	0	N	0	0
n	5	5	5	5	5	5	5	5

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Normal, 1: Increased alertness, 2: Markedly alert
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Stereotypy) 0: None, 1: Minor, 2: Moderate, 3: Severe
Gait) U: No/minimal location, 0: Normal, 1: Slight, 2: Moderate, 3: Markedly
Posture) N: Normal, F: Flattened, H: Hunched
Grooming) 0: None, 1: Occasional bouts (up to four), 2: Numerous (more than four)
Urination) 0: None, 1: Small amount, 2: Moderate amount, 3: Large/excessive amount
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation

Generation : F0 Sex : Male Week : 1 Period : Recovery Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
4008	5	0
4009	3	0
4010	2	0
4011	3	0
4012	2	0
n	5	5
Mean	3	0
S.D.	1	0

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation

Period : Recovery

Generation : F0 Sex : Male Week : 2 Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	Arousal	Convulsion	Abnormal behavior	Stereotypy	Gait	Posture	Grooming	Urination
1008	0	0	0	0	0	N	0	0
1009	0	0	0	0	0	N	0	0
1010	0	0	0	0	0	N	0	0
1011	0	0	0	0	0	N	0	0
1012	0	0	0	0	0	N	0	0
n	5	5	5	5	5	5	5	5

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Normal, 1: Increased alertness, 2: Markedly alert
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Stereotypy) 0: None, 1: Minor, 2: Moderate, 3: Severe
Gait) U: No/minimal location, 0: Normal, 1: Slight, 2: Moderate, 3: Markedly
Posture) N: Normal, F: Flattened, H: Hunched
Grooming) 0: None, 1: Occasional bouts (up to four), 2: Numerous (more than four)
Urination) 0: None, 1: Small amount, 2: Moderate amount, 3: Large/excessive amount
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation

Period : Recovery

Generation : F0 Sex : Male Week : 2 Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
1008	6	0
1009	1	0
1010	4	0
1011	8	0
1012	1	0
n	5	5
Mean	4	0
S.D.	3	0

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation — Period : Recovery

Generation : F0 — Sex : Male — Week : 2 — Dose : EHOEE 1000 mg/kg — Species : Rat

Animal No.	Arousal	Convulsion	Abnormal behavior	Stereotypy	Gait	Posture	Grooming	Urination
4008	0	0	0	0	0	N	0	0
4009	0	0	0	0	0	N	0	1
4010	0	0	0	0	0	N	0	0
4011	0	0	0	0	0	N	0	0
4012	0	0	0	0	0	N	0	0
n	5	5	5	5	5	5	5	5

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Normal, 1: Increased alertness, 2: Markedly alert
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Stereotypy) 0: None, 1: Minor, 2: Moderate, 3: Severe
Gait) U: No/minimal location, 0: Normal, 1: Slight, 2: Moderate, 3: Markedly
Posture) N: Normal, F: Flattened, H: Hunched
Grooming) 0: None, 1: Occasional bouts (up to four), 2: Numerous (more than four)
Urination) 0: None, 1: Small amount, 2: Moderate amount, 3: Large/excessive amount
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation

Period : Recovery

Generation : F0 Sex : Male Week : 2 Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
4008	6	0
4009	3	0
4010	2	0
4011	7	0
4012	4	0
n	5	5
Mean	4	0
S.D.	2	0

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation — Period : Recovery (non-mating group)

Generation : F0 — Sex : Female — Week : 1 — Dose : EHOEE 0 mg/kg — Species : Rat

Animal No.	Arousal	Convulsion	Abnormal behavior	Stereotypy	Gait	Posture	Grooming	Urination
5106	0	0	0	0	0	N	0	0
5107	0	0	0	0	0	N	0	0
5108	0	0	0	0	0	N	0	0
5109	0	0	0	0	0	N	0	0
5110	0	0	0	0	0	N	0	0
n	5	5	5	5	5	5	5	5

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Normal, 1: Increased alertness, 2: Markedly alert
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Stereotypy) 0: None, 1: Minor, 2: Moderate, 3: Severe
Gait) U: No/minimal location, 0: Normal, 1: Slight, 2: Moderate, 3: Markedly
Posture) N: Normal, F: Flattened, H: Hunched
Grooming) 0: None, 1: Occasional bouts (up to four), 2: Numerous (more than four)
Urination) 0: None, 1: Small amount, 2: Moderate amount, 3: Large/excessive amount
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation

Period : Recovery (non-mating group)

Generation : F0 Sex : Female Week : 1 Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
5106	6	0
5107	7	0
5108	8	0
5109	5	0
5110	13	0
n	5	5
Mean	8	0
S.D.	3	0

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation

Period : Recovery (non-mating group)

Generation : F0 Sex : Female Week : 1 Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	Arousal	Convulsion	Abnormal behavior	Stereotypy	Gait	Posture	Grooming	Urination
6106	0	0	0	0	0	N	0	0
6107	0	0	0	0	0	N	0	0
6108	0	0	0	0	0	N	0	0
6109	0	0	0	0	0	N	0	0
6110	0	0	0	0	0	N	0	0
n	5	5	5	5	5	5	5	5

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Normal, 1: Increased alertness, 2: Markedly alert
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Stereotypy) 0: None, 1: Minor, 2: Moderate, 3: Severe
Gait) U: No/minimal location, 0: Normal, 1: Slight, 2: Moderate, 3: Markedly
Posture) N: Normal, F: Flattened, H: Hunched
Grooming) 0: None, 1: Occasional bouts (up to four), 2: Numerous (more than four)
Urination) 0: None, 1: Small amount, 2: Moderate amount, 3: Large/excessive amount
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation

Period : Recovery (non-mating group)

Generation : F0 Sex : Female Week : 1 Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
6106	6	0
6107	6	0
6108	5	0
6109	7	0
6110	7	0
n	5	5
Mean	6	0
S.D.	1	0

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Appendix 2 - 301 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Open field observation Period : Recovery (non-mating group)

Generation : F0 Sex : Female Week : 2 Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	Arousal	Convulsion	Abnormal behavior	Stereotypy	Gait	Posture	Grooming	Urination
5106	0	0	0	0	0	N	0	0
5107	0	0	0	0	0	N	0	0
5108	0	0	0	0	0	N	0	0
5109	0	0	0	0	0	N	0	0
5110	0	0	0	0	0	N	0	0
n	5	5	5	5	5	5	5	5

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Normal, 1: Increased alertness, 2: Markedly alert
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Stereotypy) 0: None, 1: Minor, 2: Moderate, 3: Severe
Gait) U: No/minimal location, 0: Normal, 1: Slight, 2: Moderate, 3: Markedly
Posture) N: Normal, F: Flattened, H: Hunched
Grooming) 0: None, 1: Occasional bouts (up to four), 2: Numerous (more than four)
Urination) 0: None, 1: Small amount, 2: Moderate amount, 3: Large/excessive amount
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation

Period : Recovery (non-mating group)

Generation : F0 Sex : Female Week : 2 Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
5106	8	0
5107	11	0
5108	6	0
5109	10	0
5110	13	0
n	5	5
Mean	10	0
S.D.	3	0

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation

Period : Recovery (non-mating group)

Generation : F0 Sex : Female Week : 2 Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	Arousal	Convulsion	Abnormal behavior	Stereotypy	Gait	Posture	Grooming	Urination
6106	0	0	0	0	0	N	0	0
6107	0	0	0	0	0	N	0	0
6108	0	0	0	0	0	N	0	0
6109	0	0	0	0	0	N	0	0
6110	0	0	0	0	0	N	0	0
n	5	5	5	5	5	5	5	5

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Normal, 1: Increased alertness, 2: Markedly alert
Convulsion) 0: None, 1: Minor, 2: Moderate, 3: Severe
Abnormal behavior) 0: None, 1: Minor, 2: Moderate, 3: Severe
Stereotypy) 0: None, 1: Minor, 2: Moderate, 3: Severe
Gait) U: No/minimal location, 0: Normal, 1: Slight, 2: Moderate, 3: Markedly
Posture) N: Normal, F: Flattened, H: Hunched
Grooming) 0: None, 1: Occasional bouts (up to four), 2: Numerous (more than four)
Urination) 0: None, 1: Small amount, 2: Moderate amount, 3: Large/excessive amount
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Open field observation

Period : Recovery (non-mating group)

Generation : F0 Sex : Female Week : 2 Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
6106	8	0
6107	10	0
6108	8	0
6109	10	0
6110	10	0
n	5	5
Mean	9	0
S.D.	1	0

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Manipulative test Period : F0 mating
Generation : F0 Sex : Male Week : 6 Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	Auditory response	Approach response	Touch response	Tail pinch response	Pupillary reflex
1008	0	0	0	0	P
1009	0	0	0	0	P
1010	0	0	0	0	P
1011	0	0	0	0	P
1012	0	0	0	0	P
n	5	5	5	5	5

Animal No.	Aerial right-ing reflex-1	Aerial right-ing reflex-2	Aerial right-ing reflex-3	Aerial right-ing reflex-total
1008	0	0	0	0
1009	0	0	0	0
1010	0	0	0	0
1011	0	0	0	0
1012	0	0	0	0
n	5	5	5	5

Auditory response) -2: None, -1: Weak, 0: Normal, 1: Exaggerate
Approach response) -1: No reaction/ignores, 0: Normal, 1: Abnormality fearful/aggressive reaction
Touch response) -1: No reaction/ignores, 0: Normal, 1: Abnormality fearful/aggressive reaction
Tail pinch response) -2: None, -1: Weak, 0: Normal, 1: Exaggerate
Pupillary reflex) P: Pass, both, F: Failed, neither, L: Left pupil responds, R: Right pupil responds
Aerial righting reflex-1 to -3) 0: Normal, 1: Failure, 2:None
Aerial righting reflex-total) Total score of 3 times
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Manipulative test
Generation : F0 Sex : Male Week : 6 Period : F0 mating
Dose : EHOEE 100 mg/kg Species : Rat

Animal No.	Auditory response	Approach response	Touch response	Tail pinch response	Pupillary reflex
2008	0	0	0	0	P
2009	0	0	0	0	P
2010	0	0	0	0	P
2011	0	0	0	0	P
2012	0	0	0	0	P
n	5	5	5	5	5

Animal No.	Aerial right-ing reflex-1	Aerial right-ing reflex-2	Aerial right-ing reflex-3	Aerial right-ing reflex-total
2008	0	0	0	0
2009	0	0	0	0
2010	0	0	0	0
2011	0	0	0	0
2012	0	0	0	0
n	5	5	5	5

Auditory response) -2: None, -1: Weak, 0: Normal, 1: Exaggerate
Approach response) -1: No reaction/ignores, 0: Normal, 1: Abnormality fearful/aggressive reaction
Touch response) -1: No reaction/ignores, 0: Normal, 1: Abnormality fearful/aggressive reaction
Tail pinch response) -2: None, -1: Weak, 0: Normal, 1: Exaggerate
Pupillary reflex) P: Pass, both, F: Failed, neither, L: Left pupil responds, R: Right pupil responds
Aerial righting reflex-1 to -3) 0: Normal, 1: Failure, 2:None
Aerial righting reflex-total) Total score of 3 times
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Manipulative test
Generation : F0 Sex : Male Week : 6 Period : F0 mating
Dose : EHOEE 300 mg/kg Species : Rat

Animal No.	Auditory response	Approach response	Touch response	Tail pinch response	Pupillary reflex
3008	0	0	0	0	P
3009	0	0	0	0	P
3010	0	0	0	0	P
3011	0	0	0	0	P
3012	0	0	0	0	P
n	5	5	5	5	5

Animal No.	Aerial right-ing reflex-1	Aerial right-ing reflex-2	Aerial right-ing reflex-3	Aerial right-ing reflex-total
3008	0	0	0	0
3009	0	0	0	0
3010	0	0	0	0
3011	0	0	0	0
3012	0	0	0	0
n	5	5	5	5

Auditory response) -2: None, -1: Weak, 0: Normal, 1: Exaggerate
Approach response) -1: No reaction/ignores, 0: Normal, 1: Abnormality fearful/aggressive reaction
Touch response) -1: No reaction/ignores, 0: Normal, 1: Abnormality fearful/aggressive reaction
Tail pinch response) -2: None, -1: Weak, 0: Normal, 1: Exaggerate
Pupillary reflex) P: Pass, both, F: Failed, neither, L: Left pupil responds, R: Right pupil responds
Aerial righting reflex-1 to -3) 0: Normal, 1: Failure, 2:None
Aerial righting reflex-total) Total score of 3 times
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Manipulative test
Generation : F0 Sex : Male Week : 6 Period : F0 mating
Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	Auditory response	Approach response	Touch response	Tail pinch response	Pupillary reflex
4008	0	0	0	0	P
4009	0	0	0	0	P
4010	0	0	0	0	P
4011	0	0	0	0	P
4012	0	0	0	0	P
n	5	5	5	5	5

Animal No.	Aerial right-ing reflex-1	Aerial right-ing reflex-2	Aerial right-ing reflex-3	Aerial right-ing reflex-total
4008	0	0	0	0
4009	0	0	0	0
4010	0	0	0	0
4011	0	0	0	0
4012	0	0	0	0
n	5	5	5	5

Auditory response) -2: None, -1: Weak, 0: Normal, 1: Exaggerate
Approach response) -1: No reaction/ignores, 0: Normal, 1: Abnormality fearful/aggressive reaction
Touch response) -1: No reaction/ignores, 0: Normal, 1: Abnormality fearful/aggressive reaction
Tail pinch response) -2: None, -1: Weak, 0: Normal, 1: Exaggerate
Pupillary reflex) P: Pass, both, F: Failed, neither, L: Left pupil responds, R: Right pupil responds
Aerial righting reflex-1 to -3) 0: Normal, 1: Failure, 2:None
Aerial righting reflex-total) Total score of 3 times
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Manipulative test
Generation : F0 Sex : Female Day : 13 Period : F0 lactation
Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	Auditory response	Approach response	Touch response	Tail pinch response	Pupillary reflex
1101	0	0	0	0	P
1102	0	0	0	0	P
1104	0	0	0	0	P
1105	0	0	0	0	P
1112	0	0	0	0	P
n	5	5	5	5	5

Animal No.	Aerial righting reflex-1	Aerial righting reflex-2	Aerial righting reflex-3	Aerial righting reflex-total
1101	0	0	0	0
1102	0	0	0	0
1104	0	0	0	0
1105	0	0	0	0
1112	0	0	0	0
n	5	5	5	5

Auditory response) -2: None, -1: Weak, 0: Normal, 1: Exaggerate
Approach response) -1: No reaction/ignores, 0: Normal, 1: Abnormality fearful/aggressive reaction
Touch response) -1: No reaction/ignores, 0: Normal, 1: Abnormality fearful/aggressive reaction
Tail pinch response) -2: None, -1: Weak, 0: Normal, 1: Exaggerate
Pupillary reflex) P: Pass, both, F: Failed, neither, L: Left pupil responds, R: Right pupil responds
Aerial righting reflex-1 to -3) 0: Normal, 1: Failure, 2:None
Aerial righting reflex-total) Total score of 3 times
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Manipulative test
Generation : F0 Sex : Female Day : 13 Period : F0 lactation
Dose : EHOEE 100 mg/kg Species : Rat

Animal No.	Auditory response	Approach response	Touch response	Tail pinch response	Pupillary reflex
2101	0	0	0	0	P
2102	0	0	0	0	P
2105	0	0	0	0	P
2110	0	0	0	0	P
2111	0	0	0	0	P
n	5	5	5	5	5

Animal No.	Aerial right-ing reflex-1	Aerial right-ing reflex-2	Aerial right-ing reflex-3	Aerial right-ing reflex-total
2101	0	0	0	0
2102	0	0	0	0
2105	0	0	0	0
2110	0	0	0	0
2111	0	0	0	0
n	5	5	5	5

Auditory response) -2: None, -1: Weak, 0: Normal, 1: Exaggerate
Approach response) -1: No reaction/ignores, 0: Normal, 1: Abnormality fearful/aggressive reaction
Touch response) -1: No reaction/ignores, 0: Normal, 1: Abnormality fearful/aggressive reaction
Tail pinch response) -2: None, -1: Weak, 0: Normal, 1: Exaggerate
Pupillary reflex) P: Pass, both, F: Failed, neither, L: Left pupil responds, R: Right pupil responds
Aerial righting reflex-1 to -3) 0: Normal, 1: Failure, 2:None
Aerial righting reflex-total) Total score of 3 times
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

Manipulative test
Generation : F0 Sex : Female Day : 13 Period : F0 lactation
Dose : EHOEE 300 mg/kg Species : Rat

Animal No.	Auditory response	Approach response	Touch response	Tail pinch response	Pupillary reflex
3101	0	0	0	0	P
3104	0	0	0	0	P
3107	0	0	0	0	P
3110	0	0	0	0	P
3111	0	0	0	0	P
n	5	5	5	5	5

Animal No.	Aerial righting reflex-1	Aerial righting reflex-2	Aerial righting reflex-3	Aerial righting reflex-total
3101	0	0	0	0
3104	0	0	0	0
3107	0	0	0	0
3110	0	0	0	0
3111	0	0	0	0
n	5	5	5	5

Auditory response) -2: None, -1: Weak, 0: Normal, 1: Exaggerate
Approach response) -1: No reaction/ignores, 0: Normal, 1: Abnormality fearful/aggressive reaction
Touch response) -1: No reaction/ignores, 0: Normal, 1: Abnormality fearful/aggressive reaction
Tail pinch response) -2: None, -1: Weak, 0: Normal, 1: Exaggerate
Pupillary reflex) P: Pass, both, F: Failed, neither, L: Left pupil responds, R: Right pupil responds
Aerial righting reflex-1 to -3) 0: Normal, 1: Failure, 2:None
Aerial righting reflex-total) Total score of 3 times
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Manipulative test
Generation : F0 Sex : Female Day : 13 Period : F0 lactation
Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	Auditory response	Approach response	Touch response	Tail pinch response	Pupillary reflex
4101	0	0	0	0	P
4102	0	0	0	0	P
4103	0	0	0	0	P
4104	0	0	0	0	P
4106	0	0	0	0	P
n	5	5	5	5	5

Animal No.	Aerial righting reflex-1	Aerial righting reflex-2	Aerial righting reflex-3	Aerial righting reflex-total
4101	0	0	0	0
4102	0	0	0	0
4103	0	0	0	0
4104	0	0	0	0
4106	0	0	0	0
n	5	5	5	5

Auditory response) -2: None, -1: Weak, 0: Normal, 1: Exaggerate
Approach response) -1: No reaction/ignores, 0: Normal, 1: Abnormality fearful/aggressive reaction
Touch response) -1: No reaction/ignores, 0: Normal, 1: Abnormality fearful/aggressive reaction
Tail pinch response) -2: None, -1: Weak, 0: Normal, 1: Exaggerate
Pupillary reflex) P: Pass, both, F: Failed, neither, L: Left pupil responds, R: Right pupil responds
Aerial righting reflex-1 to -3) 0: Normal, 1: Failure, 2:None
Aerial righting reflex-total) Total score of 3 times
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Manipulative test
Generation : F0 Sex : Female Week : 6 Period : Administration (non-mating group) Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	Auditory response	Approach response	Touch response	Tail pinch response	Pupillary reflex
5106	0	0	0	0	P
5107	0	0	0	0	P
5108	0	0	0	0	P
5109	0	0	0	0	P
5110	0	0	0	0	P
n	5	5	5	5	5

Animal No.	Aerial right-ing reflex-1	Aerial right-ing reflex-2	Aerial right-ing reflex-3	Aerial right-ing reflex-total
5106	0	0	0	0
5107	0	0	0	0
5108	0	0	0	0
5109	0	0	0	0
5110	0	0	0	0
n	5	5	5	5

Auditory response) -2: None, -1: Weak, 0: Normal, 1: Exaggerate
Approach response) -1: No reaction/ignores, 0: Normal, 1: Abnormality fearful/aggressive reaction
Touch response) -1: No reaction/ignores, 0: Normal, 1: Abnormality fearful/aggressive reaction
Tail pinch response) -2: None, -1: Weak, 0: Normal, 1: Exaggerate
Pupillary reflex) P: Pass, both, F: Failed, neither, L: Left pupil responds, R: Right pupil responds
Aerial righting reflex-1 to -3) 0: Normal, 1: Failure, 2:None
Aerial righting reflex-total) Total score of 3 times
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Manipulative test
Generation : F0 Sex : Female Week : 6 Period : Administration (non-mating group) Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	Auditory response	Approach response	Touch response	Tail pinch response	Pupillary reflex
6106	0	0	0	0	P
6107	0	0	0	0	P
6108	0	0	0	0	P
6109	0	0	0	0	P
6110	0	0	0	0	P
n	5	5	5	5	5

Animal No.	Aerial righting reflex-1	Aerial righting reflex-2	Aerial righting reflex-3	Aerial righting reflex-total
6106	0	0	0	0
6107	0	0	0	0
6108	0	0	0	0
6109	0	0	0	0
6110	0	0	0	0
n	5	5	5	5

Auditory response) -2: None, -1: Weak, 0: Normal, 1: Exaggerate
Approach response) -1: No reaction/ignores, 0: Normal, 1: Abnormality fearful/aggressive reaction
Touch response) -1: No reaction/ignores, 0: Normal, 1: Abnormality fearful/aggressive reaction
Tail pinch response) -2: None, -1: Weak, 0: Normal, 1: Exaggerate
Pupillary reflex) P: Pass, both, F: Failed, neither, L: Left pupil responds, R: Right pupil responds
Aerial righting reflex-1 to -3) 0: Normal, 1: Failure, 2:None
Aerial righting reflex-total) Total score of 3 times
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Manipulative test
Generation : F0 Sex : Male Week : 2 Period : Recovery
Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	Auditory response	Approach response	Touch response	Tail pinch response	Pupillary reflex
1008	0	0	0	0	P
1009	0	0	0	0	P
1010	0	0	0	0	P
1011	0	0	0	0	P
1012	0	0	0	0	P
n	5	5	5	5	5

Animal No.	Aerial righting reflex-1	Aerial righting reflex-2	Aerial righting reflex-3	Aerial righting reflex-total
1008	0	0	0	0
1009	0	0	0	0
1010	0	0	0	0
1011	0	0	0	0
1012	0	0	0	0
n	5	5	5	5

Auditory response) -2: None, -1: Weak, 0: Normal, 1: Exaggerate
Approach response) -1: No reaction/ignores, 0: Normal, 1: Abnormality fearful/aggressive reaction
Touch response) -1: No reaction/ignores, 0: Normal, 1: Abnormality fearful/aggressive reaction
Tail pinch response) -2: None, -1: Weak, 0: Normal, 1: Exaggerate
Pupillary reflex) P: Pass, both, F: Failed, neither, L: Left pupil responds, R: Right pupil responds
Aerial righting reflex-1 to -3) 0: Normal, 1: Failure, 2:None
Aerial righting reflex-total) Total score of 3 times
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Manipulative test
Generation : F0 Sex : Male Week : 2 Period : Recovery
Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	Auditory response	Approach response	Touch response	Tail pinch response	Pupillary reflex
4008	0	0	0	0	P
4009	0	0	0	0	P
4010	0	0	0	0	P
4011	0	0	0	0	P
4012	0	0	0	0	P
n	5	5	5	5	5

Animal No.	Aerial right-ing reflex-1	Aerial right-ing reflex-2	Aerial right-ing reflex-3	Aerial right-ing reflex-total
4008	0	0	0	0
4009	0	0	0	0
4010	0	0	0	0
4011	0	0	0	0
4012	0	0	0	0
n	5	5	5	5

Auditory response) -2: None, -1: Weak, 0: Normal, 1: Exaggerate
Approach response) -1: No reaction/ignores, 0: Normal, 1: Abnormality fearful/aggressive reaction
Touch response) -1: No reaction/ignores, 0: Normal, 1: Abnormality fearful/aggressive reaction
Tail pinch response) -2: None, -1: Weak, 0: Normal, 1: Exaggerate
Pupillary reflex) P: Pass, both, F: Failed, neither, L: Left pupil responds, R: Right pupil responds
Aerial righting reflex-1 to -3) 0: Normal, 1: Failure, 2:None
Aerial righting reflex-total) Total score of 3 times
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Manipulative test
Generation : F0 Sex : Female Week : 2 Period : Recovery (non-mating group) Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	Auditory response	Approach response	Touch response	Tail pinch response	Pupillary reflex
5106	0	0	0	0	P
5107	0	0	0	0	P
5108	0	0	0	0	P
5109	0	0	0	0	P
5110	0	0	0	0	P
n	5	5	5	5	5

Animal No.	Aerial righting reflex-1	Aerial righting reflex-2	Aerial righting reflex-3	Aerial righting reflex-total
5106	0	0	0	0
5107	0	0	0	0
5108	0	0	0	0
5109	0	0	0	0
5110	0	0	0	0
n	5	5	5	5

Auditory response) -2: None, -1: Weak, 0: Normal, 1: Exaggerate
Approach response) -1: No reaction/ignores, 0: Normal, 1: Abnormality fearful/aggressive reaction
Touch response) -1: No reaction/ignores, 0: Normal, 1: Abnormality fearful/aggressive reaction
Tail pinch response) -2: None, -1: Weak, 0: Normal, 1: Exaggerate
Pupillary reflex) P: Pass, both, F: Failed, neither, L: Left pupil responds, R: Right pupil responds
Aerial righting reflex-1 to -3) 0: Normal, 1: Failure, 2:None
Aerial righting reflex-total) Total score of 3 times
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Manipulative test
Generation : F0 Sex : Female Week : 2 Period : Recovery (non-mating group)
Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	Auditory response	Approach response	Touch response	Tail pinch response	Pupillary reflex
6106	0	0	0	0	P
6107	0	0	0	0	P
6108	0	0	0	0	P
6109	0	0	0	0	P
6110	0	0	0	0	P
n	5	5	5	5	5

Animal No.	Aerial right-ing reflex-1	Aerial right-ing reflex-2	Aerial right-ing reflex-3	Aerial right-ing reflex-total
6106	0	0	0	0
6107	0	0	0	0
6108	0	0	0	0
6109	0	0	0	0
6110	0	0	0	0
n	5	5	5	5

Auditory response) -2: None, -1: Weak, 0: Normal, 1: Exaggerate
Approach response) -1: No reaction/ignores, 0: Normal, 1: Abnormality fearful/aggressive reaction
Touch response) -1: No reaction/ignores, 0: Normal, 1: Abnormality fearful/aggressive reaction
Tail pinch response) -2: None, -1: Weak, 0: Normal, 1: Exaggerate
Pupillary reflex) P: Pass, both, F: Failed, neither, L: Left pupil responds, R: Right pupil responds
Aerial righting reflex-1 to -3) 0: Normal, 1: Failure, 2:None
Aerial righting reflex-total) Total score of 3 times
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Grip strength

Generation : F0 Sex : Male Week : 6 Period : F0 mating Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	Grip strength of fore limb-1 g	Grip strength of fore limb-2 g	Grip strength of fore limb g	Grip strength of hind limb-1 g	Grip strength of hind limb-2 g	Grip strength of hind limb g
1008	1416	1539	1478	1018	839	929
1009	1768	1753	1761	887	760	824
1010	1517	1555	1536	747	626	687
1011	1500	1467	1484	674	729	702
1012	1556	1492	1524	629	628	629
n	5	5	5	5	5	5
Mean	1551	1561	1557	791	716	754
S.D.	131	113	117	160	91	121

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

n: Number of animals

Grip strength of fore/hind limb-mean) mean value of 2 times

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Grip strength

Generation : F0 Sex : Male Week : 6 Period : F0 mating Dose : EHOEE 100 mg/kg Species : Rat

Animal No.	Grip strength of fore limb-1 g	Grip strength of fore limb-2 g	Grip strength of fore limb g	Grip strength of hind limb-1 g	Grip strength of hind limb-2 g	Grip strength of hind limb g
2008	1815	1649	1732	964	775	870
2009	1622	1769	1696	754	825	790
2010	1710	1645	1678	734	856	795
2011	1551	1580	1566	1077	827	952
2012	1423	1436	1430	716	917	817
n	5	5	5	5	5	5
Mean	1624	1616	1620	849	840	845
S.D.	150	121	123	162	52	68

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

n: Number of animals

Grip strength of fore/hind limb-mean) mean value of 2 times

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Grip strength

Generation : F0 Sex : Male Week : 6 Period : F0 mating Dose : EHOEE 300 mg/kg Species : Rat

Animal No.	Grip strength of fore limb-1 g	Grip strength of fore limb-2 g	Grip strength of fore limb g	Grip strength of hind limb-1 g	Grip strength of hind limb-2 g	Grip strength of hind limb g
3008	1348	1303	1326	1078	1053	1066
3009	1440	1441	1441	646	659	653
3010	1653	1726	1690	761	707	734
3011	1525	1503	1514	787	826	807
3012	1518	1748	1633	962	741	852
n	5	5	5	5	5	5
Mean	1497	1544	1521	847	797	822
S.D.	113	190	146	172	155	156

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals
Grip strength of fore/hind limb-mean) mean value of 2 times

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Grip strength

Generation : F0 Sex : Male Week : 6 Period : F0 mating Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	Grip strength of fore limb-1 g	Grip strength of fore limb-2 g	Grip strength of fore limb g	Grip strength of hind limb-1 g	Grip strength of hind limb-2 g	Grip strength of hind limb g
4008	1491	1533	1512	986	932	959
4009	1493	1576	1535	856	758	807
4010	2039	2232	2136	1257	1283	1270
4011	1767	1772	1770	843	742	793
4012	1728	1928	1828	984	865	925
n	5	5	5	5	5	5
Mean	1704	1808	1756	985	916	951
S.D.	227	285	254	166	220	192

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

n: Number of animals

Grip strength of fore/hind limb-mean) mean value of 2 times

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Grip strength

Generation : F0 Sex : Female Day : 13 Period : F0 lactation Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	Grip strength of fore limb-1 g	Grip strength of fore limb-2 g	Grip strength of fore limb g	Grip strength of hind limb-1 g	Grip strength of hind limb-2 g	Grip strength of hind limb g
1101	981	931	956	731	714	723
1102	951	972	962	865	920	893
1104	1377	1008	1193	902	667	785
1105	921	932	927	651	873	762
1112	1373	1059	1216	905	951	928
n	5	5	5	5	5	5
Mean	1121	980	1051	811	825	818
S.D.	233	54	141	114	127	88

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

n: Number of dams

Grip strength of fore/hind limb-mean) mean value of 2 times

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Grip strength

Generation : F0 Sex : Female Day : 13 Period : F0 lactation Dose : EHOEE 100 mg/kg Species : Rat

Animal No.	Grip strength of fore limb-1 g	Grip strength of fore limb-2 g	Grip strength of fore limb g	Grip strength of hind limb-1 g	Grip strength of hind limb-2 g	Grip strength of hind limb g
2101	980	923	952	720	703	712
2102	1418	1364	1391	832	941	887
2105	1494	1578	1536	633	435	534
2110	1647	1419	1533	613	705	659
2111	1603	1523	1563	920	746	833
n	5	5	5	5	5	5
Mean	1428	1361	1395	744	706	725
S.D.	266	259	257	131	180	140

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

n: Number of dams

Grip strength of fore/hind limb-mean) mean value of 2 times

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Grip strength

Generation : F0 Sex : Female Day : 13 Period : F0 lactation Dose : EHOEE 300 mg/kg Species : Rat

Animal No.	Grip strength of fore limb-1 g	Grip strength of fore limb-2 g	Grip strength of fore limb g	Grip strength of hind limb-1 g	Grip strength of hind limb-2 g	Grip strength of hind limb g
3101	1203	1133	1168	1043	896	970
3104	1089	910	1000	730	659	695
3107	1020	1158	1089	777	893	835
3110	1190	1211	1201	731	703	717
3111	931	982	957	689	731	710
n	5	5	5	5	5	5
Mean	1087	1079	1083	794	776	785
S.D.	115	127	105	143	111	117

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

n: Number of dams

Grip strength of fore/hind limb-mean) mean value of 2 times

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Grip strength

Generation : F0 Sex : Female Day : 13 Period : F0 lactation Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	Grip strength of fore limb-1 g	Grip strength of fore limb-2 g	Grip strength of fore limb g	Grip strength of hind limb-1 g	Grip strength of hind limb-2 g	Grip strength of hind limb g
4101	981	1308	1145	944	679	812
4102	1180	1221	1201	841	832	837
4103	931	1003	967	659	732	696
4104	1065	1230	1148	958	918	938
4106	935	973	954	582	565	574
n	5	5	5	5	5	5
Mean	1018	1147	1083	797	745	771
S.D.	105	149	114	169	136	140

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

n: Number of dams

Grip strength of fore/hind limb-mean) mean value of 2 times

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Grip strength

Period : Administration (non-mating group)

Generation : F0 Sex : Female Week : 6 Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	Grip strength of fore limb-1 g	Grip strength of fore limb-2 g	Grip strength of fore limb g	Grip strength of hind limb-1 g	Grip strength of hind limb-2 g	Grip strength of hind limb g
5106	1486	1510	1498	618	759	689
5107	1363	1210	1287	840	865	853
5108	1369	1319	1344	732	706	719
5109	1427	1210	1319	633	727	680
5110	1209	1246	1228	780	773	777
n	5	5	5	5	5	5
Mean	1371	1299	1335	721	766	744
S.D.	103	126	101	95	61	72

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals
Grip strength of fore/hind limb-mean) mean value of 2 times

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Grip strength

Period : Administration (non-mating group)

Generation : F0 Sex : Female Week : 6 Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	Grip strength of fore limb-1 g	Grip strength of fore limb-2 g	Grip strength of fore limb g	Grip strength of hind limb-1 g	Grip strength of hind limb-2 g	Grip strength of hind limb g
6106	1340	1444	1392	628	722	675
6107	1216	1324	1270	697	692	695
6108	1211	1031	1121	551	522	537
6109	1367	1314	1341	843	788	816
6110	1258	1265	1262	589	697	643
n	5	5	5	5	5	5
Mean	1278	1276	1277	662	684	673
S.D.	72	152	102	115	98	100

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

n: Number of animals

Grip strength of fore/hind limb-mean) mean value of 2 times

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Grip strength

Period : Recovery

Generation : F0 Sex : Male Week : 2 Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	Grip strength of fore limb-1 g	Grip strength of fore limb-2 g	Grip strength of fore limb g	Grip strength of hind limb-1 g	Grip strength of hind limb-2 g	Grip strength of hind limb g
1008	1600	1117	1359	1030	1105	1068
1009	1249	1395	1322	931	831	881
1010	1288	1367	1328	859	798	829
1011	1022	1190	1106	950	830	890
1012	1400	1720	1560	1090	950	1020
n	5	5	5	5	5	5
Mean	1312	1358	1335	972	903	938
S.D.	212	234	161	90	127	101

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

n: Number of animals

Grip strength of fore/hind limb-mean) mean value of 2 times

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Grip strength

Period : Recovery

Generation : F0 Sex : Male Week : 2 Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	Grip strength of fore limb-1 g	Grip strength of fore limb-2 g	Grip strength of fore limb g	Grip strength of hind limb-1 g	Grip strength of hind limb-2 g	Grip strength of hind limb g
4008	1130	1287	1209	810	856	833
4009	1110	970	1040	788	830	809
4010	950	951	951	750	667	709
4011	1557	1209	1383	760	860	810
4012	1200	1320	1260	839	993	916
n	5	5	5	5	5	5
Mean	1189	1147	1169	789	841	815
S.D.	225	175	173	36	116	74

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

n: Number of animals

Grip strength of fore/hind limb-mean) mean value of 2 times

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Grip strength

Period : Recovery (non-mating group)

Generation : F0 Sex : Female Week : 2 Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	Grip strength of fore limb-1 g	Grip strength of fore limb-2 g	Grip strength of fore limb g	Grip strength of hind limb-1 g	Grip strength of hind limb-2 g	Grip strength of hind limb g
5106	1143	1227	1185	958	840	899
5107	1031	1148	1090	900	863	882
5108	1032	981	1007	681	720	701
5109	981	832	907	721	832	777
5110	972	1064	1018	701	759	730
n	5	5	5	5	5	5
Mean	1032	1050	1041	792	803	798
S.D.	68	153	103	127	60	89

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

n: Number of animals

Grip strength of fore/hind limb-mean) mean value of 2 times

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Grip strength

Period : Recovery (non-mating group)

Generation : F0 Sex : Female Week : 2 Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	Grip strength of fore limb-1 g	Grip strength of fore limb-2 g	Grip strength of fore limb g	Grip strength of hind limb-1 g	Grip strength of hind limb-2 g	Grip strength of hind limb g
6106	1095	1220	1158	732	770	751
6107	1141	1115	1128	701	653	677
6108	1253	1329	1291	848	798	823
6109	1130	1010	1070	830	719	775
6110	1182	1263	1223	798	733	766
n	5	5	5	5	5	5
Mean	1160	1187	1174	782	735	758
S.D.	60	126	86	63	55	53

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

n: Number of animals

Grip strength of fore/hind limb-mean) mean value of 2 times

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Motor activity
Generation : F0 Sex : Male Week : 6 Period : F0 mating
Dose : EHOEE 0 mg/kg Species : Rat

	0'-10'	10'-20'	20'-30'	30'-40'	40'-50'	50'-60'	Total(0'-60')
Animal No.	Count	Count	Count	Count	Count	Count	Count
1008	416	404	314	148	100	11	1393
1009	414	155	47	23	220	305	1164
1010	421	289	56	144	38	37	985
1011	435	334	272	446	306	21	1814
1012	400	176	265	76	11	2	930
n	5	5	5	5	5	5	5
Mean	417	272	191	167	135	75	1257
S.D.	13	105	129	164	125	129	360

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Motor activity

Period : F0 mating

Generation : F0 Sex : Male Week : 6 Dose : EHOEE 100 mg/kg Species : Rat

	0'-10'	10'-20'	20'-30'	30'-40'	40'-50'	50'-60'	Total(0'-60')
Animal No.	Count	Count	Count	Count	Count	Count	Count
2008	461	298	143	64	10	12	988
2009	390	245	341	290	269	33	1568
2010	455	360	395	366	209	44	1829
2011	331	155	142	271	129	3	1031
2012	440	292	148	267	279	237	1663
n	5	5	5	5	5	5	5
Mean	415	270	234	252	179	66	1416
S.D.	55	76	124	112	112	97	383

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Motor activity
Period : F0 mating
Generation : F0 Sex : Male Week : 6 Dose : EHOEE 300 mg/kg Species : Rat

	0'-10'	10'-20'	20'-30'	30'-40'	40'-50'	50'-60'	Total(0'-60')
Animal No.	Count	Count	Count	Count	Count	Count	Count
3008	404	171	94	248	258	253	1428
3009	349	213	211	237	133	6	1149
3010	436	218	195	91	269	35	1244
3011	353	330	211	157	36	158	1245
3012	410	135	6	240	76	6	873
n	5	5	5	5	5	5	5
Mean	390	213	143	195	154	92	1188
S.D.	38	73	91	69	105	110	203

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Motor activity
Period : F0 mating
Generation : F0 Sex : Male Week : 6 Dose : EHOEE 1000 mg/kg Species : Rat

	0'-10'	10'-20'	20'-30'	30'-40'	40'-50'	50'-60'	Total(0'-60')
Animal No.	Count	Count	Count	Count	Count	Count	Count
4008	365	204	0	130	56	3	758
4009	389	233	187	126	52	24	1011
4010	434	99	257	75	1	5	871
4011	436	346	213	284	41	97	1417
4012	409	380	266	33	2	9	1099
n	5	5	5	5	5	5	5
Mean	407	252	185	130	30	28	1031
S.D.	30	113	108	95	27	40	252

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Motor activity

Period : F0 lactation

Generation : F0 Sex : Female Day : 13 Dose : EHOEE 0 mg/kg Species : Rat

	0'-10'	10'-20'	20'-30'	30'-40'	40'-50'	50'-60'	Total(0'-60')
Animal No.	Count	Count	Count	Count	Count	Count	Count
1101	364	154	243	241	132	264	1398
1102	402	215	12	262	55	6	952
1104	267	76	31	15	69	55	513
1105	225	116	23	29	17	117	527
1112	411	398	345	137	364	354	2009
n	5	5	5	5	5	5	5
Mean	334	192	131	137	127	159	1080
S.D.	83	126	153	115	139	146	634

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Motor activity
Period : F0 lactation
Generation : F0 Sex : Female Day : 13 Dose : EHOEE 100 mg/kg Species : Rat

	0'-10'	10'-20'	20'-30'	30'-40'	40'-50'	50'-60'	Total(0'-60')
Animal No.	Count	Count	Count	Count	Count	Count	Count
2101	207	3	2	11	38	20	281
2102	353	85	142	38	74	7	699
2105	358	76	140	61	74	5	714
2110	441	433	292	295	325	265	2051
2111	454	116	14	270	46	16	916
n	5	5	5	5	5	5	5
Mean	363	143	118	135	111	63	932
S.D.	99	168	118	136	121	113	667

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Motor activity

Period : F0 lactation

Generation : F0 Sex : Female Day : 13 Dose : EHOEE 300 mg/kg Species : Rat

	0'-10'	10'-20'	20'-30'	30'-40'	40'-50'	50'-60'	Total(0'-60')
Animal No.	Count	Count	Count	Count	Count	Count	Count
3101	373	85	188	148	146	126	1066
3104	233	160	213	331	84	10	1031
3107	173	30	19	37	50	20	329
3110	188	41	4	3	6	58	300
3111	369	315	330	315	282	248	1859
n	5	5	5	5	5	5	5
Mean	267	126	151	167	114	92	917
S.D.	97	117	138	152	107	98	642

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Motor activity
Generation : F0 Sex : Female Day : 13 Period : F0 lactation
Dose : EHOEE 1000 mg/kg Species : Rat

	0'-10'	10'-20'	20'-30'	30'-40'	40'-50'	50'-60'	Total(0'-60')
Animal No.	Count	Count	Count	Count	Count	Count	Count
4101	243	30	156	3	26	134	592
4102	363	164	104	80	197	220	1128
4103	395	177	303	74	269	228	1446
4104	183	124	111	104	184	169	875
4106	351	44	49	13	6	200	663
n	5	5	5	5	5	5	5
Mean	307	108	145	55	136	190	941
S.D.	90	68	96	44	115	39	351

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Motor activity
Period : Administration (non-mating group)
Generation : F0 Sex : Female Week : 6 Dose : EHOEE 0 mg/kg Species : Rat

	0'-10'	10'-20'	20'-30'	30'-40'	40'-50'	50'-60'	Total(0'-60')
Animal No.	Count	Count	Count	Count	Count	Count	Count
5106	421	259	70	277	100	259	1386
5107	423	466	218	195	9	5	1316
5108	465	304	159	12	128	141	1209
5109	480	328	372	314	149	294	1937
5110	390	386	410	355	365	368	2274
n	5	5	5	5	5	5	5
Mean	436	349	246	231	150	213	1624
S.D.	36	80	143	136	131	142	459

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Motor activity
Period : Administration (non-mating group)
Generation : F0 Sex : Female Week : 6 Dose : EHOEE 1000 mg/kg Species : Rat

	0'-10'	10'-20'	20'-30'	30'-40'	40'-50'	50'-60'	Total(0'-60')
Animal No.	Count	Count	Count	Count	Count	Count	Count
6106	422	445	231	3	183	351	1635
6107	393	261	148	213	172	282	1469
6108	370	339	259	119	298	20	1405
6109	374	395	272	223	194	122	1580
6110	286	325	222	24	98	315	1270
n	5	5	5	5	5	5	5
Mean	369	353	226	116	189	218	1472
S.D.	51	70	48	103	72	141	145

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Motor activity
Period : Recovery
Generation : F0 Sex : Male Week : 2 Dose : EHOEE 0 mg/kg Species : Rat

	0'-10'	10'-20'	20'-30'	30'-40'	40'-50'	50'-60'	Total(0'-60')
Animal No.	Count	Count	Count	Count	Count	Count	Count
1008	419	352	271	258	227	263	1790
1009	360	269	218	245	223	181	1496
1010	456	238	214	249	68	4	1229
1011	393	308	280	211	252	374	1818
1012	339	320	171	254	211	27	1322
n	5	5	5	5	5	5	5
Mean	393	297	231	243	196	170	1531
S.D.	47	45	45	19	73	157	267

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Motor activity
Period : Recovery
Generation : F0 Sex : Male Week : 2 Dose : EHOEE 1000 mg/kg Species : Rat

	0'-10'	10'-20'	20'-30'	30'-40'	40'-50'	50'-60'	Total(0'-60')
Animal No.	Count	Count	Count	Count	Count	Count	Count
4008	511	299	362	273	52	5	1502
4009	276	225	153	207	110	26	997
4010	395	290	98	329	68	18	1198
4011	451	389	243	244	296	94	1717
4012	439	410	328	362	234	281	2054
n	5	5	5	5	5	5	5
Mean	414	323	237	283	152	85	1494
S.D.	88	76	112	63	108	115	418

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Motor activity
Period : Recovery (non-mating group)
Generation : F0 Sex : Female Week : 2 Dose : EHOEE 0 mg/kg Species : Rat

	0'-10'	10'-20'	20'-30'	30'-40'	40'-50'	50'-60'	Total(0'-60')
Animal No.	Count	Count	Count	Count	Count	Count	Count
5106	422	184	202	148	227	179	1362
5107	388	268	266	317	11	300	1550
5108	415	366	138	119	257	158	1453
5109	413	398	284	325	268	297	1985
5110	331	348	365	385	306	365	2100
n	5	5	5	5	5	5	5
Mean	394	313	251	259	214	260	1690
S.D.	37	86	86	118	117	88	331

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Motor activity
Period : Recovery (non-mating group)
Generation : F0 Sex : Female Week : 2 Dose : EHOEE 1000 mg/kg Species : Rat

	0'-10'	10'-20'	20'-30'	30'-40'	40'-50'	50'-60'	Total(0'-60')
Animal No.	Count	Count	Count	Count	Count	Count	Count
6106	400	335	192	106	209	302	1544
6107	258	233	197	30	42	130	890
6108	365	316	272	287	298	223	1761
6109	371	271	289	149	176	327	1583
6110	345	286	255	265	255	180	1586
n	5	5	5	5	5	5	5
Mean	348	288	241	167	196	232	1473
S.D.	54	40	44	108	98	82	336

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Appendix 3 - 1 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Body weight Period : F0 before mating Day 1-15, F0 mating Day 15-42

Sex : Male Dose : EHOEE 0 mg/kg Unit : g Species : Rat

Animal No.	/Day 1	8	15	22	29	36	42	Body weight gain
1001	414	449	476	506	529	555	574	160
1002	427	459	495	520	550	572	586	159
1003	420	454	481	496	519	545	558	138
1004	435	469	491	513	533	563	579	144
1005	417	455	496	526	549	575	587	170
1006	448	485	523	546	568	600	627	179
1007	388	420	452	468	488	511	535	147
1008	402	441	469	490	519	548	542	140
1009	433	467	504	542	580	597	600	167
1010	406	443	481	509	549	570	597	191
1011	450	490	523	547	579	611	626	176
1012	457	506	551	577	611	630	640	183
n	12	12	12	12	12	12	12	12
Mean	425	462	495	520	548	573	588	163
S.D.	21	24	27	30	33	33	33	18

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Appendix 3 - 2 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Body weight Period : F0 before mating Day 1-15, F0 mating Day 15-42

Sex : Male Dose : EHOEE 100 mg/kg Unit : g Species : Rat

Animal No.	/Day 1	8	15	22	29	36	42	Body weight gain
2001	417	454	475	495	510	533	549	132
2002	401	441	470	497	524	547	568	167
2003	420	462	491	515	539	566	584	164
2004	405	439	480	504	533	567	592	187
2005	399	432	458	478	496	519	533	134
2006	387	424	458	481	511	535	555	168
2007	428	459	490	510	531	554	576	148
2008	455	501	540	556	590	622	634	179
2009	448	489	521	551	574	599	604	156
2010	437	458	487	511	537	558	570	133
2011	437	472	506	537	560	585	602	165
2012	451	497	544	574	605	641	652	201
n	12	12	12	12	12	12	12	12
Mean	424	461	493	517	543	569	585	161
S.D.	22	25	29	31	33	37	34	22

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Appendix 3 - 3 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Body weight Period : F0 before mating Day 1-15, F0 mating Day 15-42

Sex : Male Dose : EHOEE 300 mg/kg Unit : g Species : Rat

Animal No.	/Day 1	8	15	22	29	36	42	Body weight gain
3001	430	471	507	525	550	564	582	152
3002	402	439	467	489	517	528	543	141
3003	443	472	506	523	559	589	615	172
3004	395	424	449	480	502	521	534	139
3005	390	424	450	470	492	518	528	138
3006	440	482	512	532	562	583	604	164
3007	451	488	518	542	563	582	601	150
3008	425	470	515	540	574	604	619	194
3009	465	520	567	600	643	666	680	215
3010	417	447	475	499	522	545	561	144
3011	422	455	480	502	528	549	557	135
3012	415	445	479	508	543	570	585	170
n	12	12	12	12	12	12	12	12
Mean	425	461	494	518	546	568	584	160
S.D.	23	28	34	35	40	42	43	25

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Appendix 3 - 4 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Body weight Period : F0 before mating Day 1-15, F0 mating Day 15-42

Sex : Male Dose : EHOEE 1000 mg/kg Unit : g Species : Rat

Animal No.	/Day 1	8	15	22	29	36	42	Body weight gain
4001	445	478	510	524	554	577	597	152
4002	445	477	507	518	542	564	562	117
4003	428	461	483	510	503	531	542	114
4004	395	422	453	471	484	507	520	125
4005	404	439	460	474	511	533	550	146
4006	432	457	483	506	519	544	542	110
4007	425	461	491	515	531	547	558	133
4008	437	470	506	527	552	573	587	150
4009	400	428	455	469	504	516	522	122
4010	441	487	528	553	596	620	637	196
4011	412	440	474	500	524	558	559	147
4012	423	450	478	499	512	531	537	114
n	12	12	12	12	12	12	12	12
Mean	424	456	486	506	528	550	559	136
S.D.	18	21	24	25	30	31	34	24

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Appendix 3 - 5 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Body weight Period : F0 before mating Day 1-15

Sex : Female Dose : EHOEE 0 mg/kg Unit : g Species : Rat

Animal No.	/Day 1	8	15	Body weight gain
1101	237	244	261	24
1102	267	263	285	18
1103	236	242	251	15
1104	249	264	274	25
1105	253	254	271	18
1106	248	247	252	4
1107	253	259	265	12
1108	256	269	283	27
1109	254	269	276	22
1110	239	250	264	25
1111	226	231	230	4
1112	263	278	297	34
n	12	12	12	12
Mean	248	256	267	19
S.D.	12	14	18	9

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Appendix 3 - 6 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Body weight Period : F0 before mating Day 1-15

Sex : Female Dose : EHOEE 100 mg/kg Unit : g Species : Rat

Animal No.	/Day 1	8	15	Body weight gain
2101	246	255	270	24
2102	248	265	282	34
2103	235	247	248	13
2104	247	253	258	11
2105	254	282	291	37
2106	246	249	255	9
2107	256	270	270	14
2108	248	257	259	11
2109	261	264	266	5
2110	247	263	276	29
2111	262	294	315	53
2112	227	231	243	16
n	12	12	12	12
Mean	248	261	269	21
S.D.	10	17	20	14

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Appendix 3 - 7 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Body weight Period : F0 before mating Day 1-15

Sex : Female Dose : EHOEE 300 mg/kg Unit : g Species : Rat

Animal No.	/Day 1	8	15	Body weight gain
3101	255	270	287	32
3102	237	253	266	29
3103	240	250	254	14
3104	266	276	293	27
3105	251	258	263	12
3106	240	254	257	17
3107	264	267	285	21
3108	258	280	295	37
3109	258	274	284	26
3110	238	243	254	16
3111	279	293	303	24
3112	258	282	302	44
n	12	12	12	12
Mean	254	267	279	25
S.D.	13	15	19	10

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Appendix 3 - 8 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Body weight Period : F0 before mating Day 1-15

Sex : Female Dose : EHOEE 1000 mg/kg Unit : g Species : Rat

Animal No.	/Day 1	8	15	Body weight gain
4101	244	254	259	15
4102	258	278	284	26
4103	251	253	270	19
4104	239	250	250	11
4105	233	240	239	6
4106	264	266	286	22
4107	253	258	277	24
4108	272	287	298	26
4109	237	247	257	20
4110	266	270	273	7
4111	222	257	268	46
4112	276	283	295	19
n	12	12	12	12
Mean	251	262	271	20
S.D.	17	15	18	11

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Appendix 3 - 9 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Body weight Period : F0 gestation Day 0-20

Sex : Female Dose : EHOEE 0 mg/kg Unit : g Species : Rat

Animal No.	/Day 0	7	14	20	Body weight gain
1101	268	300	347	442	174
1102	284	320	361	423	139
1103	258	292	334	413	155
1104	286	336	379	471	185
1105	271	308	348	435	164
1107	281	314	353	448	167
1108	297	323	368	464	167
1109	296	334	364	467	171
1110	264	303	333	414	150
1111	244	274	308	374	130
1112	299	334	356	392	93
n	11	11	11	11	11
Mean	277	313	350	431	154
S.D.	18	20	20	31	26

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

n: Number of dams

Appendix 3 - 10 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Body weight Period : F0 gestation Day 0-20

Sex : Female Dose : EHOEE 100 mg/kg Unit : g Species : Rat

Animal No.	/Day 0	7	14	20	Body weight gain
2101	280	312	359	436	156
2102	293	357	406	527	234
2103	269	303	337	389	120
2104	272	315	349	413	141
2105	302	346	382	456	154
2106	274	308	346	443	169
2107	287	330	362	449	162
2108	265	318	367	466	201
2109	291	326	365	458	167
2110	281	322	372	453	172
2111	312	356	400	503	191
2112	244	298	332	414	170
n	12	12	12	12	12
Mean	281	324	365	451	170
S.D.	18	20	23	38	29

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

Appendix 3 - 11 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Body weight Period : F0 gestation Day 0-20

Sex : Female Dose : EHOEE 300 mg/kg Unit : g Species : Rat

Animal No.	/Day 0	7	14	20	Body weight gain
3101	282	327	362	469	187
3102	270	314	362	457	187
3103	262	306	343	423	161
3104	305	344	395	477	172
3105	266	312	356	443	177
3106	275	304	344	426	151
3107	286	326	350	422	136
3108	300	343	382	453	153
3109	288	320	357	453	165
3110	254	295	337	436	182
3111	317	352	395	491	174
3112	305	368	414	507	202
n	12	12	12	12	12
Mean	284	326	366	455	171
S.D.	20	22	24	27	18

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

Appendix 3 - 12 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Body weight Period : F0 gestation Day 0-20

Sex : Female Dose : EHOEE 1000 mg/kg Unit : g Species : Rat

Animal No.	/Day 0	7	14	20	Body weight gain
4101	258	293	333	403	145
4102	292	327	365	454	162
4103	277	306	342	426	149
4104	256	290	323	399	143
4105	257	286	315	393	136
4106	283	313	354	392	109
4107	278	318	357	439	161
4108	314	350	400	498	184
4109	265	302	331	398	133
4110	289	313	355	434	145
4111	259	305	338	418	159
4112	308	326	366	437	129
n	12	12	12	12	12
Mean	278	311	348	424	146
S.D.	20	18	23	31	19

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

Appendix 3 - 13 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Body weight Period : F0 lactation Day 0-13

Sex : Female Dose : EHOEE 0 mg/kg Unit : g Species : Rat

Animal No.	/Day 0	4	7	13	Body weight gain
1101	345	354	362	367	22
1102	373	348	357	380	7
1103	338	332	331	351	13
1104	381	366	376	408	27
1105	323	329	343	368	45
1107	364	352	336	365	1
1108	362	350	365	386	24
1109	323	364	347	355	32
1110	321	327	342	340	19
1111	326	294	303	308	-18
1112	381	368	371	361	-20
n	11	11	11	11	11
Mean	349	344	348	363	14
S.D.	24	22	21	26	20

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

n: Number of dams

Appendix 3 - 14 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Body weight Period : F0 lactation Day 0-13

Sex : Female Dose : EHOEE 100 mg/kg Unit : g Species : Rat

Animal No.	/Day 0	4	7	13	Body weight gain
2101	341	345	356	362	21
2102	424	398	395	413	-11
2103	357	338	350	361	4
2104	343	337	351	342	-1
2105	365	367	372	377	12
2106	314	332	326	354	40
2107	340	355	370	392	52
2108	345	362	366	382	37
2109	366	344	351	360	-6
2110	362	333	325	349	-13
2111	386	391	398	396	10
2112	346	345	340	359	13
n	12	12	12	12	12
Mean	357	354	358	371	13
S.D.	28	22	23	21	21

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

Appendix 3 - 15 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Body weight Period : F0 lactation Day 0-13

Sex : Female Dose : EHOEE 300 mg/kg Unit : g Species : Rat

Animal No.	/Day 0	4	7	13	Body weight gain
3101	356	353	351	362	6
3102	338	333	334	356	18
3103	316	312	319	335	19
3104	380	383	381	389	9
3105	335	354	355	373	38
3106	318	326	325	349	31
3107	351	340	338	353	2
3108	355	366	360	381	26
3109	344	337	338	361	17
3110	348	356	348	371	23
3111	390	407	394	415	25
3112	397	415	410	431	34
n	12	12	12	12	12
Mean	352	357	354	373	21
S.D.	26	31	28	28	11

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

Appendix 3 - 16 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Body weight Period : F0 lactation Day 0-13

Sex : Female Dose : EHOEE 1000 mg/kg Unit : g Species : Rat

Animal No.	/Day 0	4	7	13	Body weight gain
4101	320	328	332	348	28
4102	359	351	357	376	17
4103	324	330	343	349	25
4104	316	321	326	354	38
4105	307	307	304	324	17
4106	334	338	347	373	39
4107	330	360	381	384	54
4108	381	369	386	402	21
4109	326	322	334	342	16
4110	338	346	347	365	27
4111	314	321	327	349	35
4112	333	306	338	369	36
n	12	12	12	12	12
Mean	332	333	344	361	29
S.D.	21	20	23	21	11

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

Appendix 3 - 17 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Body weight Period : Administration Day 1-42 (non-mating group)

Sex : Female Dose : EHOEE 0 mg/kg Unit : g Species : Rat

Animal No.	/Day 1	8	15	22	29	36	42	Body weight gain
5101	263	276	283	288	303	300	306	43
5102	224	237	251	262	263	272	283	59
5103	246	257	274	286	293	298	308	62
5104	267	286	295	309	313	320	321	54
5105	248	256	268	286	298	304	304	56
5106	253	248	274	288	296	303	319	66
5107	241	248	251	263	276	279	276	35
5108	247	258	258	273	289	291	295	48
5109	259	264	276	286	289	303	306	47
5110	243	240	246	255	276	294	294	51
n	10	10	10	10	10	10	10	10
Mean	249	257	268	280	290	296	301	52
S.D.	12	15	16	16	15	14	14	9

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Appendix 3 - 18 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Body weight Period : Administration Day 1-42 (non-mating group)

Sex : Female Dose : EHOEE 1000 mg/kg Unit : g Species : Rat

Animal No.	/Day 1	8	15	22	29	36	42	Body weight gain
6101	245	257	279	292	296	301	320	75
6102	257	267	276	287	294	301	304	47
6103	250	269	289	290	313	315	311	61
6104	243	261	275	285	290	303	305	62
6105	267	286	298	327	329	324	342	75
6106	241	254	253	269	280	284	288	47
6107	256	262	272	280	289	295	293	37
6108	239	253	260	272	281	294	295	56
6109	259	275	279	304	308	332	313	54
6110	246	253	257	275	288	294	299	53
n	10	10	10	10	10	10	10	10
Mean	250	264	274	288	297	304	307	57
S.D.	9	11	14	17	15	15	16	12

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Appendix 3 - 19 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Body weight Period : Recovery Day 1-14

Sex : Male Dose : EHOEE 0 mg/kg Unit : g Species : Rat

Animal No.	/Day 1	8	14	Body weight gain
1008	546	555	557	11
1009	609	634	642	33
1010	594	618	630	36
1011	634	659	663	29
1012	644	668	675	31
n	5	5	5	5
Mean	605	627	633	28
S.D.	39	45	46	10

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Appendix 3 - 20 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Body weight Period : Recovery Day 1-14

Sex : Male Dose : EHOEE 1000 mg/kg Unit : g Species : Rat

Animal No.	/Day 1	8	14	Body weight gain
4008	590	596	620	30
4009	526	545	551	25
4010	647	685	695	48
4011	565	578	590	25
4012	543	570	582	39
n	5	5	5	5
Mean	574	595	608	33
S.D.	47	54	55	10

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

n: Number of animals

Appendix 3 - 21 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Body weight Period : Recovery Day 1-14 (non-mating group)

Sex : Female Dose : EHOEE 0 mg/kg Unit : g Species : Rat

Animal No.	/Day 1	8	14	Body weight gain
5106	318	330	325	7
5107	277	287	290	13
5108	297	297	295	-2
5109	299	309	307	8
5110	302	308	321	19
n	5	5	5	5
Mean	299	306	308	9
S.D.	15	16	15	8

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

n: Number of animals

Appendix 3 - 22 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Body weight Period : Recovery Day 1-14 (non-mating group)

Sex : Female Dose : EHOEE 1000 mg/kg Unit : g Species : Rat

Animal No.	/Day 1	8	14	Body weight gain
6106	286	294	304	18
6107	291	308	315	24
6108	301	306	322	21
6109	326	328	341	15
6110	295	308	309	14
n	5	5	5	5
Mean	300	309	318	18
S.D.	16	12	14	4

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Appendix 4 - 1 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Food consumption Period : F0 before mating Day 1-15

Sex : Male Dose : EHOEE 0 mg/kg Unit : g Species : Rat

Animal No.	/Day 2	8	15	Total food consumption
1001	18	24	21	63
1002	23	24	25	72
1003	20	24	23	67
1004	25	25	23	73
1005	20	25	25	70
1006	21	24	23	68
1007	22	20	22	64
1008	22	23	20	65
1009	22	22	25	69
1010	22	24	24	70
1011	23	25	25	73
1012	24	26	27	77
n	12	12	12	12
Mean	22	24	24	69
S.D.	2	2	2	4

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Appendix 4 - 2 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Food consumption Period : F0 before mating Day 1-15

Sex : Male Dose : EHOEE 100 mg/kg Unit : g Species : Rat

Animal No.	/Day 2	8	15	Total food consumption
2001	22	23	23	68
2002	23	25	22	70
2003	21	25	23	69
2004	24	23	25	72
2005	18	20	20	58
2006	21	22	23	66
2007	23	22	21	66
2008	23	27	26	76
2009	24	24	24	72
2010	21	22	24	67
2011	27	23	26	76
2012	29	29	33	91
n	12	12	12	12
Mean	23	24	24	71
S.D.	3	2	3	8

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Appendix 4 - 3 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Food consumption Period : F0 before mating Day 1-15

Sex : Male Dose : EHOEE 300 mg/kg Unit : g Species : Rat

Animal No.	/Day 2	8	15	Total food consumption
3001	23	23	22	68
3002	21	23	21	65
3003	23	24	28	75
3004	18	20	20	58
3005	20	19	21	60
3006	25	27	24	76
3007	22	24	23	69
3008	27	24	26	77
3009	27	28	30	85
3010	22	20	23	65
3011	20	21	21	62
3012	22	24	24	70
n	12	12	12	12
Mean	23	23	24	69
S.D.	3	3	3	8

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Appendix 4 - 4 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Food consumption Period : F0 before mating Day 1-15

Sex : Male Dose : EHOEE 1000 mg/kg Unit : g Species : Rat

Animal No.	/Day 2	8	15	Total food consumption
4001	23	21	23	67
4002	24	24	26	74
4003	21	21	23	65
4004	22	27	24	73
4005	19	22	20	61
4006	21	24	24	69
4007	23	26	23	72
4008	22	25	28	75
4009	19	19	19	57
4010	23	29	27	79
4011	20	25	26	71
4012	21	22	24	67
n	12	12	12	12
Mean	22	24	24	69
S.D.	2	3	3	6

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Appendix 4 - 5 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Food consumption Period : F0 mating Day 15-42

Sex : Male Dose : EHOEE 0 mg/kg Unit : g Species : Rat

Animal No.	/Day 30	36	42
1001	18	20	19
1002	21	23	23
1003	22	21	23
1004	22	25	24
1005	26	24	21
1006	22	24	23
1007	20	22	21
1008	23	21	17
1009	23	22	18
1010	21	21	24
1011	22	20	23
1012	22	23	23
n	12	12	12
Mean	22	22	22
S.D.	2	2	2

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Appendix 4 - 6 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Food consumption Period : F0 mating Day 15-42

Sex : Male Dose : EHOEE 100 mg/kg Unit : g Species : Rat

Animal No.	/Day 30	36	42
2001	21	22	22
2002	23	20	22
2003	22	21	21
2004	25	27	26
2005	21	20	20
2006	22	25	23
2007	23	18	22
2008	27	28	22
2009	24	20	20
2010	22	22	20
2011	20	26	19
2012	28	29	26
n	12	12	12
Mean	23	23	22
S.D.	2	4	2

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Appendix 4 - 7 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Food consumption Period : F0 mating Day 15-42

Sex : Male Dose : EHOEE 300 mg/kg Unit : g Species : Rat

Animal No.	/Day 30	36	42
3001	21	23	21
3002	19	19	18
3003	21	25	23
3004	21	21	20
3005	21	19	20
3006	24	22	28
3007	22	21	21
3008	24	23	26
3009	24	21	23
3010	21	23	20
3011	19	22	18
3012	24	26	22
n	12	12	12
Mean	22	22	22
S.D.	2	2	3

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Appendix 4 - 8 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Food consumption Period : F0 mating Day 15-42

Sex : Male Dose : EHOEE 1000 mg/kg Unit : g Species : Rat

Animal No.	/Day 30	36	42
4001	20	21	22
4002	26	22	21
4003	18	22	21
4004	22	22	23
4005	16	24	26
4006	23	26	22
4007	24	21	18
4008	24	26	24
4009	18	22	17
4010	27	25	25
4011	20	24	25
4012	23	21	22
n	12	12	12
Mean	22	23	22
S.D.	3	2	3

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Appendix 4 - 9 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Food consumption Period : F0 before mating Day 1-15

Sex : Female Dose : EHOEE 0 mg/kg Unit : g Species : Rat

Animal No.	/Day 2	8	15	Total food consumption
1101	16	12	13	41
1102	12	16	14	42
1103	8	14	12	34
1104	14	15	14	43
1105	15	11	16	42
1106	11	12	12	35
1107	15	13	13	41
1108	20	16	17	53
1109	16	19	16	51
1110	10	15	14	39
1111	12	12	13	37
1112	13	16	18	47
n	12	12	12	12
Mean	14	14	14	42
S.D.	3	2	2	6

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Appendix 4 - 10 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Food consumption Period : F0 before mating Day 1-15

Sex : Female Dose : EHOEE 100 mg/kg Unit : g Species : Rat

Animal No.	/Day 2	8	15	Total food consumption
2101	18	12	14	44
2102	15	18	15	48
2103	13	14	10	37
2104	9	15	12	36
2105	16	17	15	48
2106	16	13	13	42
2107	15	16	12	43
2108	13	20	17	50
2109	13	12	10	35
2110	11	16	14	41
2111	15	18	20	53
2112	18	12	14	44
n	12	12	12	12
Mean	14	15	14	43
S.D.	3	3	3	6

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Appendix 4 - 11 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Food consumption Period : F0 before mating Day 1-15

Sex : Female Dose : EHOEE 300 mg/kg Unit : g Species : Rat

Animal No.	/Day 2	8	15	Total food consumption
3101	12	18	18	48
3102	15	14	19	48
3103	11	16	14	41
3104	20	15	17	52
3105	11	13	11	35
3106	16	17	16	49
3107	18	13	17	48
3108	17	19	20	56
3109	14	17	16	47
3110	12	14	15	41
3111	18	16	16	50
3112	18	18	22	58
n	12	12	12	12
Mean	15	16	17	48
S.D.	3	2	3	6

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Appendix 4 - 12 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Food consumption Period : F0 before mating Day 1-15

Sex : Female Dose : EHOEE 1000 mg/kg Unit : g Species : Rat

Animal No.	/Day 2	8	15	Total food consumption
4101	9	14	14	37
4102	17	17	16	50
4103	12	11	15	38
4104	13	12	12	37
4105	11	12	10	33
4106	17	11	14	42
4107	17	11	16	44
4108	18	16	19	53
4109	11	14	16	41
4110	18	17	18	53
4111	14	15	15	44
4112	19	14	16	49
n	12	12	12	12
Mean	15	14	15	43
S.D.	3	2	2	7

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Appendix 4 - 13 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Food consumption Period : F0 gestation Day 0-20

Sex : Female Dose : EHOEE 0 mg/kg Unit : g Species : Rat

Animal No.	/Day 1	7	14	20	Total food consumption
1101	15	19	19	22	75
1102	15	18	19	24	76
1103	15	19	19	21	74
1104	17	21	24	22	84
1105	13	19	21	22	75
1107	17	18	23	26	84
1108	16	19	21	25	81
1109	18	23	22	23	86
1110	12	22	17	21	72
1111	14	16	19	22	71
1112	17	19	23	18	77
n	11	11	11	11	11
Mean	15	19	21	22	78
S.D.	2	2	2	2	5

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

n: Number of dams

Appendix 4 - 14 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Food consumption Period : F0 gestation Day 0-20

Sex : Female Dose : EHOEE 100 mg/kg Unit : g Species : Rat

Animal No.	/Day 1	7	14	20	Total food consumption
2101	17	16	22	21	76
2102	21	29	27	30	107
2103	15	19	20	22	76
2104	17	21	19	14	71
2105	18	26	24	24	92
2106	17	21	20	23	81
2107	15	23	20	25	83
2108	21	24	26	29	100
2109	18	19	21	21	79
2110	15	25	20	20	80
2111	18	23	25	28	94
2112	19	24	23	23	89
n	12	12	12	12	12
Mean	18	23	22	23	86
S.D.	2	4	3	4	11

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

Appendix 4 - 15 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Food consumption Period : F0 gestation Day 0-20

Sex : Female Dose : EHOEE 300 mg/kg Unit : g Species : Rat

Animal No.	/Day 1	7	14	20	Total food consumption
3101	16	25	22	20	83
3102	11	22	24	22	79
3103	20	21	22	22	85
3104	21	21	25	28	95
3105	14	21	22	23	80
3106	19	19	25	22	85
3107	18	17	16	22	73
3108	18	23	24	21	86
3109	18	18	18	23	77
3110	18	21	23	27	89
3111	18	19	22	25	84
3112	20	31	30	22	103
n	12	12	12	12	12
Mean	18	22	23	23	85
S.D.	3	4	4	2	8

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

Appendix 4 - 16 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Food consumption Period : F0 gestation Day 0-20

Sex : Female Dose : EHOEE 1000 mg/kg Unit : g Species : Rat

Animal No.	/Day 1	7	14	20	Total food consumption
4101	13	19	19	18	69
4102	17	25	23	23	88
4103	15	17	20	24	76
4104	15	17	19	22	73
4105	15	15	16	22	68
4106	17	19	20	21	77
4107	18	20	21	24	83
4108	16	25	26	31	98
4109	14	19	21	21	75
4110	14	20	23	27	84
4111	16	21	19	24	80
4112	13	15	24	20	72
n	12	12	12	12	12
Mean	15	19	21	23	79
S.D.	2	3	3	3	9

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

Appendix 4 - 17 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Food consumption Period : F0 lactation Day 0-13

Sex : Female Dose : EHOEE 0 mg/kg Unit : g Species : Rat

Animal No.	/Day 2	4	7	13	Total food consumption
1101	29	36	38	51	154
1102	15	25	34	55	129
1103	19	35	37	58	149
1104	28	38	44	68	178
1105	14	37	47	58	156
1107	18	34	33	58	143
1108	26	40	41	68	175
1109	58	43	42	56	199
1110	26	37	36	47	146
1111	9	23	38	48	118
1112	11	17	23	22	73
n	11	11	11	11	11
Mean	23	33	38	54	147
S.D.	14	8	6	12	34

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

n: Number of dams

Appendix 4 - 18 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Food consumption Period : F0 lactation Day 0-13

Sex : Female Dose : EHOEE 100 mg/kg Unit : g Species : Rat

Animal No.	/Day 2	4	7	13	Total food consumption
2101	22	35	42	55	154
2102	21	37	34	59	151
2103	14	19	34	47	114
2104	23	37	43	47	150
2105	24	34	35	57	150
2106	28	42	39	63	172
2107	21	35	39	61	156
2108	28	38	39	56	161
2109	19	35	39	60	153
2110	10	20	28	49	107
2111	29	35	43	55	162
2112	20	43	47	61	171
n	12	12	12	12	12
Mean	22	34	39	56	150
S.D.	6	7	5	6	20

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

Appendix 4 - 19 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Food consumption Period : F0 lactation Day 0-13

Sex : Female Dose : EHOEE 300 mg/kg Unit : g Species : Rat

Animal No.	/Day 2	4	7	13	Total food consumption
3101	27	36	43	66	172
3102	27	28	40	59	154
3103	16	27	36	54	133
3104	23	37	31	52	143
3105	30	42	37	61	170
3106	25	39	40	63	167
3107	22	34	38	57	151
3108	26	37	40	52	155
3109	29	40	38	54	161
3110	32	46	48	64	190
3111	31	48	38	61	178
3112	22	34	31	58	145
n	12	12	12	12	12
Mean	26	37	38	58	160
S.D.	5	6	5	5	16

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

Appendix 4 - 20 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Food consumption Period : F0 lactation Day 0-13

Sex : Female Dose : EHOEE 1000 mg/kg Unit : g Species : Rat

Animal No.	/Day 2	4	7	13	Total food consumption
4101	23	31	40	60	154
4102	30	38	37	64	169
4103	24	38	43	50	155
4104	28	41	47	62	178
4105	21	33	42	56	152
4106	25	26	44	51	146
4107	32	43	56	69	200
4108	19	27	39	59	144
4109	26	40	41	51	158
4110	29	39	51	63	182
4111	34	40	40	62	176
4112	0	15	45	64	124
n	12	12	12	12	12
Mean	24	34	44	59	162
S.D.	9	8	5	6	20

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

Appendix 4 - 21 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Food consumption Period : Administration Day 1-15(non-mating group)

Sex : Female Dose : EHOEE 0 mg/kg Unit : g Species : Rat

Animal No.	/Day 2	8	15	Total food consumption
5101	11	13	11	35
5102	15	17	18	50
5103	17	13	14	44
5104	17	15	13	45
5105	13	14	12	39
5106	14	11	18	43
5107	14	12	11	37
5108	14	15	12	41
5109	16	14	16	46
5110	11	12	12	35
n	10	10	10	10
Mean	14	14	14	42
S.D.	2	2	3	5

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Appendix 4 - 22 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Food consumption Period : Administration Day 1-15(non-mating group)

Sex : Female Dose : EHOEE 1000 mg/kg Unit : g Species : Rat

Animal No.	/Day 2	8	15	Total food consumption
6101	16	15	18	49
6102	13	14	16	43
6103	9	15	18	42
6104	16	15	17	48
6105	16	18	14	48
6106	12	14	11	37
6107	16	13	12	41
6108	14	16	17	47
6109	11	16	14	41
6110	16	13	14	43
n	10	10	10	10
Mean	14	15	15	44
S.D.	3	2	2	4

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Appendix 4 - 23 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Food consumption Period : Administration Day 15-42(non-mating group)

Sex : Female Dose : EHOEE 0 mg/kg Unit : g Species : Rat

Animal No.	/Day 30	36	42
5101	10	14	11
5102	17	18	17
5103	17	13	13
5104	15	14	13
5105	16	15	15
5106	16	10	16
5107	16	13	14
5108	13	14	15
5109	16	17	18
5110	16	17	14
n	10	10	10
Mean	15	15	15
S.D.	2	2	2

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Appendix 4 - 24 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Food consumption Period : Administration Day 15-42(non-mating group)

Sex : Female Dose : EHOEE 1000 mg/kg Unit : g Species : Rat

Animal No.	/Day 30	36	42
6101	17	15	21
6102	17	17	14
6103	12	17	12
6104	14	16	14
6105	18	14	18
6106	15	15	16
6107	15	13	15
6108	16	16	16
6109	17	18	11
6110	16	14	17
n	10	10	10
Mean	16	16	15
S.D.	2	2	3

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Appendix 4 - 25 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Food consumption Period : Recovery Day 1-14

Sex : Male Dose : EHOEE 0 mg/kg Unit : g Species : Rat

Animal No.	/Day 2	8	14	Total food consumption
1008	20	23	24	67
1009	24	30	30	84
1010	27	25	28	80
1011	28	28	27	83
1012	27	28	29	84
n	5	5	5	5
Mean	25	27	28	80
S.D.	3	3	2	7

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Appendix 4 - 26 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Food consumption Period : Recovery Day 1-14

Sex : Male Dose : EHOEE 1000 mg/kg Unit : g Species : Rat

Animal No.	/Day 2	8	14	Total food consumption
4008	28	26	31	85
4009	22	24	22	68
4010	32	37	37	106
4011	29	24	26	79
4012	27	29	28	84
n	5	5	5	5
Mean	28	28	29	84
S.D.	4	5	6	14

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Appendix 4 - 27 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Food consumption Period : Recovery Day 1-14 (non-mating group)

Sex : Female Dose : EHOEE 0 mg/kg Unit : g Species : Rat

Animal No.	/Day 2	8	14	Total food consumption
5106	14	18	15	47
5107	16	16	15	47
5108	14	17	15	46
5109	15	17	17	49
5110	21	16	19	56
n	5	5	5	5
Mean	16	17	16	49
S.D.	3	1	2	4

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Appendix 4 - 28 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Food consumption Period : Recovery Day 1-14 (non-mating group)

Sex : Female Dose : EHOEE 1000 mg/kg Unit : g Species : Rat

Animal No.	/Day 2	8	14	Total food consumption
6106	17	17	17	51
6107	16	20	18	54
6108	22	16	25	63
6109	18	17	22	57
6110	16	19	16	51
n	5	5	5	5
Mean	18	18	20	55
S.D.	2	2	4	5

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

n: Number of animals

Appendix 5 - 1 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Urinalysis Stage : Week 6 of administration

Sex : Male Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	pH	Protein	Ketones	Glucose	Occult Blood	Bilirubin	Urobilinogen	Color
1008	6.5	1+	1+	-	+/-	-	+/-	Y
1009	8.5	2+	2+	-	+/-	-	+/-	Y
1010	8.5	2+	2+	-	-	-	+/-	Y
1011	6.5	1+	1+	-	+/-	-	+/-	Y
1012	7.0	2+	2+	1+	-	-	+/-	Y
n	5	5	5	5	5	5	5	5

Color LY: Light Yellow Y: Yellow DY: Dark Yellow BR: Brown RE: Red RB: Reddish brown WH: White BL: Blue CL: Colorless OT: Other
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals
Protein) -:Negative , +/-:15 , 1+:30 , 2+:100 , 3+:>=300 mg/dL
Ketones) -:Negative , +/-:5 , 1+:15 , 2+:40 , 3+:80 mg/dL
Glucose) -:Negative , 1+:100 , 2+:250 , 3+:500 , 4+:>=1000 mg/dL
Occult Blood) -:Negative , +/-:0.015 , 1+:0.062 , 2+:0.135 , 3+:0.405 mg/dL
Bilirubin) -:Negative , 1+:0.8 , 2+:1.6 , 3+:3.2 mg/dL
Urobilinogen) +/-:0.1 - 1.0 , 1+:2.0 , 2+:4.0 , 3+:>=8.0 Ehrlich U/dL

Appendix 5 - 2 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Urinalysis Stage : Week 6 of administration

Sex : Male Dose : EHOEE 100 mg/kg Species : Rat

Animal No.	pH	Protein	Ketones	Glucose	Occult Blood	Bilirubin	Urobilinogen	Color
2008	>=9.0	1+	1+	-	-	-	+/-	Y
2009	7.5	2+	2+	1+	-	-	+/-	Y
2010	>=9.0	2+	2+	-	-	-	+/-	Y
2011	>=9.0	+/-	+/-	-	-	-	+/-	Y
2012	8.5	1+	1+	-	+/-	-	+/-	Y
n	5	5	5	5	5	5	5	5

Color LY: Light Yellow Y: Yellow DY: Dark Yellow BR: Brown RE: Red RB: Reddish brown WH: White BL: Blue CL: Colorless OT: Other
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals
Protein) -:Negative , +/-:15 , 1+:30 , 2+:100 , 3+:>=300 mg/dL
Ketones) -:Negative , +/-:5 , 1+:15 , 2+:40 , 3+:80 mg/dL
Glucose) -:Negative , 1+:100 , 2+:250 , 3+:500 , 4+:>=1000 mg/dL
Occult Blood) -:Negative , +/-:0.015 , 1+:0.062 , 2+:0.135 , 3+:0.405 mg/dL
Bilirubin) -:Negative , 1+:0.8 , 2+:1.6 , 3+:3.2 mg/dL
Urobilinogen) +/-:0.1 - 1.0 , 1+:2.0 , 2+:4.0 , 3+:>=8.0 Ehrlich U/dL

Appendix 5 - 3 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Urinalysis Stage : Week 6 of administration

Sex : Male Dose : EHOEE 300 mg/kg Species : Rat

Animal No.	pH	Protein	Ketones	Glucose	Occult Blood	Bilirubin	Urobilinogen	Color
3008	>=9.0	2+	1+	-	-	-	+/-	Y
3009	>=9.0	2+	1+	-	-	-	+/-	Y
3010	8.5	1+	1+	-	-	-	+/-	Y
3011	8.5	+/-	+/-	-	-	-	+/-	Y
3012	8.5	1+	1+	-	-	-	+/-	Y
n	5	5	5	5	5	5	5	5

Color LY: Light Yellow Y: Yellow DY: Dark Yellow BR: Brown RE: Red RB: Reddish brown WH: White BL: Blue CL: Colorless OT: Other
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals
Protein) -:Negative , +/-:15 , 1+:30 , 2+:100 , 3+:>=300 mg/dL
Ketones) -:Negative , +/-:5 , 1+:15 , 2+:40 , 3+:80 mg/dL
Glucose) -:Negative , 1+:100 , 2+:250 , 3+:500 , 4+:>=1000 mg/dL
Occult Blood) -:Negative , +/-:0.015 , 1+:0.062 , 2+:0.135 , 3+:0.405 mg/dL
Bilirubin) -:Negative , 1+:0.8 , 2+:1.6 , 3+:3.2 mg/dL
Urobilinogen) +/-:0.1 - 1.0 , 1+:2.0 , 2+:4.0 , 3+:>=8.0 Ehrlich U/dL

Appendix 5 - 4 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Urinalysis Stage : Week 6 of administration

Sex : Male Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	pH	Protein	Ketones	Glucose	Occult Blood	Bilirubin	Urobilinogen	Color
4008	7.0	1+	+/-	-	-	-	+/-	Y
4009	5.5	1+	+/-	-	-	-	+/-	Y
4010	6.0	1+	+/-	-	-	-	+/-	Y
4011	6.5	+/-	+/-	-	-	-	+/-	Y
4012	7.0	+/-	+/-	-	-	-	+/-	Y
n	5	5	5	5	5	5	5	5

Color LY: Light Yellow Y: Yellow DY: Dark Yellow BR: Brown RE: Red RB: Reddish brown WH: White BL: Blue CL: Colorless OT: Other
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals
Protein) -:Negative , +/-:15 , 1+:30 , 2+:100 , 3+:>=300 mg/dL
Ketones) -:Negative , +/-:5 , 1+:15 , 2+:40 , 3+:80 mg/dL
Glucose) -:Negative , 1+:100 , 2+:250 , 3+:500 , 4+:>=1000 mg/dL
Occult Blood) -:Negative , +/-:0.015 , 1+:0.062 , 2+:0.135 , 3+:0.405 mg/dL
Bilirubin) -:Negative , 1+:0.8 , 2+:1.6 , 3+:3.2 mg/dL
Urobilinogen) +/-:0.1 - 1.0 , 1+:2.0 , 2+:4.0 , 3+:>=8.0 Ehrlich U/dL

Appendix 5 - 5 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Urinalysis Stage : Week 6 of administration (non-mating group)

Sex : Female Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	pH	Protein	Ketones	Glucose	Occult Blood	Bilirubin	Urobilinogen	Color
5106	>=9.0	+/-	+/-	-	-	-	+/-	Y
5107	6.5	1+	+/-	-	-	-	+/-	Y
5108	7.0	-	-	-	-	-	+/-	Y
5109	6.5	+/-	+/-	-	-	-	+/-	Y
5110	7.0	-	-	-	-	-	+/-	Y
n	5	5	5	5	5	5	5	5

Color LY: Light Yellow Y: Yellow DY: Dark Yellow BR: Brown RE: Red RB: Reddish brown WH: White BL: Blue CL: Colorless OT: Other
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals
Protein) -:Negative , +/-:15 , 1+:30 , 2+:100 , 3+:>=300 mg/dL
Ketones) -:Negative , +/-:5 , 1+:15 , 2+:40 , 3+:80 mg/dL
Glucose) -:Negative , 1+:100 , 2+:250 , 3+:500 , 4+:>=1000 mg/dL
Occult Blood) -:Negative , +/-:0.015 , 1+:0.062 , 2+:0.135 , 3+:0.405 mg/dL
Bilirubin) -:Negative , 1+:0.8 , 2+:1.6 , 3+:3.2 mg/dL
Urobilinogen) +/-:0.1 - 1.0 , 1+:2.0 , 2+:4.0 , 3+:>=8.0 Ehrlich U/dL

Appendix 5 - 6 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Urinalysis Stage : Week 6 of administration (non-mating group)

Sex : Female Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	pH	Protein	Ketones	Glucose	Occult Blood	Bilirubin	Urobilinogen	Color
6106	6.0	-	-	-	-	-	+/-	Y
6107	6.0	-	-	-	-	-	+/-	Y
6108	7.0	1+	+/-	-	-	-	+/-	Y
6109	6.0	2+	+/-	-	-	-	+/-	Y
6110	6.0	1+	+/-	-	-	-	+/-	Y
n	5	5	5	5	5	5	5	5

Color LY: Light Yellow Y: Yellow DY: Dark Yellow BR: Brown RE: Red RB: Reddish brown WH: White BL: Blue CL: Colorless OT: Other
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals
Protein) -:Negative , +/-:15 , 1+:30 , 2+:100 , 3+:>=300 mg/dL
Ketones) -:Negative , +/-:5 , 1+:15 , 2+:40 , 3+:80 mg/dL
Glucose) -:Negative , 1+:100 , 2+:250 , 3+:500 , 4+:>=1000 mg/dL
Occult Blood) -:Negative , +/-:0.015 , 1+:0.062 , 2+:0.135 , 3+:0.405 mg/dL
Bilirubin) -:Negative , 1+:0.8 , 2+:1.6 , 3+:3.2 mg/dL
Urobilinogen) +/-:0.1 - 1.0 , 1+:2.0 , 2+:4.0 , 3+:>=8.0 Ehrlich U/dL

Appendix 5 - 7 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Urinalysis Stage : Week 6 of administration

Sex : Male Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	RBC	WBC	Squamous epithelial cells	Small round epithelial cells	Cast	Crystal phosphate salts	Crystal calcium oxalate
1008	-	-	+/-	-	-	-	-
1009	-	-	+/-	-	-	-	-
1010	-	-	+/-	-	-	+/-	-
1011	-	-	+/-	-	-	-	-
1012	-	-	+/-	-	-	+/-	-
n	5	5	5	5	5	5	5

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals
RBC) -:Negative , +/-:Slight , 1+:Mild , 2+:Moderate , 3+:Severe
WBC) -:Negative , +/-:Slight , 1+:Mild , 2+:Moderate , 3+:Severe
Squamous epithelial cells) -:Negative , +/-:Slight , 1+:Mild , 2+:Moderate , 3+:Severe
Small round epithelial cells) -:Negative , +/-:Slight , 1+:Mild , 2+:Moderate , 3+:Severe
Cast) -:Negative , +/-:Slight , 1+:Mild , 2+:Moderate , 3+:Severe
Crystal phosphate salts) -:Negative , +/-:Slight , 1+:Mild , 2+:Moderate , 3+:Severe
Crystal calcium oxalate) -:Negative , +/-:Slight , 1+:Mild , 2+:Moderate , 3+:Severe

Appendix 5 - 8 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Urinalysis Stage : Week 6 of administration

Sex : Male Dose : EHOEE 100 mg/kg Species : Rat

Animal No.	RBC	WBC	Squamous epithelial cells	Small round epithelial cells	Cast	Crystal phosphate salts	Crystal calcium oxalate
2008	-	-	+/-	-	-	+/-	-
2009	-	-	+/-	-	-	-	-
2010	-	-	+/-	-	-	-	-
2011	-	-	+/-	-	-	-	-
2012	-	-	+/-	-	-	-	-
n	5	5	5	5	5	5	5

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals
RBC) -:Negative , +/-:Slight , 1+:Mild , 2+:Moderate , 3+:Severe
WBC) -:Negative , +/-:Slight , 1+:Mild , 2+:Moderate , 3+:Severe
Squamous epithelial cells) -:Negative , +/-:Slight , 1+:Mild , 2+:Moderate , 3+:Severe
Small round epithelial cells) -:Negative , +/-:Slight , 1+:Mild , 2+:Moderate , 3+:Severe
Cast) -:Negative , +/-:Slight , 1+:Mild , 2+:Moderate , 3+:Severe
Crystal phosphate salts) -:Negative , +/-:Slight , 1+:Mild , 2+:Moderate , 3+:Severe
Crystal calcium oxalate) -:Negative , +/-:Slight , 1+:Mild , 2+:Moderate , 3+:Severe

Appendix 5 - 9 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Urinalysis Stage : Week 6 of administration

Sex : Male Dose : EHOEE 300 mg/kg Species : Rat

Animal No.	RBC	WBC	Squamous epithelial cells	Small round epithelial cells	Cast	Crystal phosphate salts	Crystal calcium oxalate
3008	-	-	+/-	-	-	-	-
3009	-	-	+/-	-	-	-	-
3010	-	-	+/-	-	-	-	-
3011	-	-	+/-	-	-	-	-
3012	-	-	+/-	-	-	-	-
n	5	5	5	5	5	5	5

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals
RBC) -:Negative , +/-:Slight , 1+:Mild , 2+:Moderate , 3+:Severe
WBC) -:Negative , +/-:Slight , 1+:Mild , 2+:Moderate , 3+:Severe
Squamous epithelial cells) -:Negative , +/-:Slight , 1+:Mild , 2+:Moderate , 3+:Severe
Small round epithelial cells) -:Negative , +/-:Slight , 1+:Mild , 2+:Moderate , 3+:Severe
Cast) -:Negative , +/-:Slight , 1+:Mild , 2+:Moderate , 3+:Severe
Crystal phosphate salts) -:Negative , +/-:Slight , 1+:Mild , 2+:Moderate , 3+:Severe
Crystal calcium oxalate) -:Negative , +/-:Slight , 1+:Mild , 2+:Moderate , 3+:Severe

Appendix 5 - 10 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Urinalysis Stage : Week 6 of administration

Sex : Male Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	RBC	WBC	Squamous epithelial cells	Small round epithelial cells	Cast	Crystal phosphate salts	Crystal calcium oxalate
4008	-	-	+/-	-	-	-	-
4009	-	-	+/-	-	-	-	-
4010	-	-	+/-	-	-	-	-
4011	-	-	+/-	-	-	-	+/-
4012	-	-	+/-	-	-	-	-
n	5	5	5	5	5	5	5

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals
RBC) -:Negative , +/-:Slight , 1+:Mild , 2+:Moderate , 3+:Severe
WBC) -:Negative , +/-:Slight , 1+:Mild , 2+:Moderate , 3+:Severe
Squamous epithelial cells) -:Negative , +/-:Slight , 1+:Mild , 2+:Moderate , 3+:Severe
Small round epithelial cells) -:Negative , +/-:Slight , 1+:Mild , 2+:Moderate , 3+:Severe
Cast) -:Negative , +/-:Slight , 1+:Mild , 2+:Moderate , 3+:Severe
Crystal phosphate salts) -:Negative , +/-:Slight , 1+:Mild , 2+:Moderate , 3+:Severe
Crystal calcium oxalate) -:Negative , +/-:Slight , 1+:Mild , 2+:Moderate , 3+:Severe

Appendix 5 - 11 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Urinalysis Stage : Week 6 of administration (non-mating group)

Sex : Female Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	RBC	WBC	Squamous epithelial cells	Small round epithelial cells	Cast	Crystal phosphate salts	Crystal calcium oxalate
5106	-	-	+/-	-	-	-	-
5107	-	-	+/-	-	-	-	-
5108	-	-	+/-	-	-	-	-
5109	-	-	+/-	-	-	+/-	-
5110	-	-	+/-	-	-	-	-
n	5	5	5	5	5	5	5

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals
RBC) -:Negative , +/-:Slight , 1+:Mild , 2+:Moderate , 3+:Severe
WBC) -:Negative , +/-:Slight , 1+:Mild , 2+:Moderate , 3+:Severe
Squamous epithelial cells) -:Negative , +/-:Slight , 1+:Mild , 2+:Moderate , 3+:Severe
Small round epithelial cells) -:Negative , +/-:Slight , 1+:Mild , 2+:Moderate , 3+:Severe
Cast) -:Negative , +/-:Slight , 1+:Mild , 2+:Moderate , 3+:Severe
Crystal phosphate salts) -:Negative , +/-:Slight , 1+:Mild , 2+:Moderate , 3+:Severe
Crystal calcium oxalate) -:Negative , +/-:Slight , 1+:Mild , 2+:Moderate , 3+:Severe

Appendix 5 - 12 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Urinalysis Stage : Week 6 of administration (non-mating group)

Sex : Female Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	RBC	WBC	Squamous epithelial cells	Small round epithelial cells	Cast	Crystal phosphate salts	Crystal calcium oxalate
6106	-	-	+/-	-	-	-	-
6107	-	-	+/-	-	-	-	-
6108	-	-	+/-	-	-	-	-
6109	-	-	+/-	-	-	-	-
6110	-	-	+/-	-	-	-	+/-
n	5	5	5	5	5	5	5

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals
RBC) -:Negative , +/-:Slight , 1+:Mild , 2+:Moderate , 3+:Severe
WBC) -:Negative , +/-:Slight , 1+:Mild , 2+:Moderate , 3+:Severe
Squamous epithelial cells) -:Negative , +/-:Slight , 1+:Mild , 2+:Moderate , 3+:Severe
Small round epithelial cells) -:Negative , +/-:Slight , 1+:Mild , 2+:Moderate , 3+:Severe
Cast) -:Negative , +/-:Slight , 1+:Mild , 2+:Moderate , 3+:Severe
Crystal phosphate salts) -:Negative , +/-:Slight , 1+:Mild , 2+:Moderate , 3+:Severe
Crystal calcium oxalate) -:Negative , +/-:Slight , 1+:Mild , 2+:Moderate , 3+:Severe

Appendix 5 - 13 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Urinalysis Stage : Week 6 of administration

Sex : Male Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	Water consumption mL/24h	Urine volume mL/24h	Osmotic pressure mOsm/kg	U-Na mmol/24h	U-K mmol/24h	U-Cl mmol/24h
1008	35	8.6	2086	1.5	3.2	2.1
1009	48	9.4	1570	1.1	2.4	1.6
1010	39	12.7	2120	2.4	4.3	3.2
1011	46	10.9	1882	1.7	3.3	2.2
1012	42	12.4	1698	1.9	3.3	2.4
n	5	5	5	5	5	5
Mean	42	10.8	1871	1.7	3.3	2.3
S.D.	5	1.8	239	0.5	0.7	0.6

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Appendix 5 - 14 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Urinalysis Stage : Week 6 of administration

Sex : Male Dose : EHOEE 100 mg/kg Species : Rat

Animal No.	Water consumption mL/24h	Urine volume mL/24h	Osmotic pressure mOsm/kg	U-Na mmol/24h	U-K mmol/24h	U-Cl mmol/24h
2008	44	12.3	1810	1.4	3.7	2.1
2009	39	8.6	2116	1.3	2.8	2.0
2010	37	5.3	2206	0.8	1.8	1.3
2011	47	18.4	1164	1.4	3.5	2.2
2012	37	17.2	2074	3.2	5.8	4.4
n	5	5	5	5	5	5
Mean	41	12.4	1874	1.6	3.5	2.4
S.D.	4	5.6	423	0.9	1.5	1.2

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Appendix 5 - 15 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Urinalysis Stage : Week 6 of administration

Sex : Male Dose : EHOEE 300 mg/kg Species : Rat

Animal No.	Water consumption mL/24h	Urine volume mL/24h	Osmotic pressure mOsm/kg	U-Na mmol/24h	U-K mmol/24h	U-Cl mmol/24h
3008	36	9.0	1558	1.5	1.9	1.5
3009	38	11.7	2174	2.2	4.1	3.3
3010	38	7.5	1774	1.1	2.2	1.8
3011	39	15.3	1508	1.4	3.5	2.4
3012	47	13.0	1932	1.6	4.1	2.9
n	5	5	5	5	5	5
Mean	40	11.3	1789	1.6	3.2	2.4
S.D.	4	3.1	274	0.4	1.0	0.7

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Appendix 5 - 16 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Urinalysis Stage : Week 6 of administration

Sex : Male Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	Water consumption mL/24h	Urine volume mL/24h	Osmotic pressure mOsm/kg	U-Na mmol/24h	U-K mmol/24h	U-Cl mmol/24h
4008	56	22.4	972	1.8	3.0	2.2
4009	50	16.7	1174	1.6	2.8	1.9
4010	58	31.4	1026	2.3	4.3	3.5
4011	49	17.2	1598	1.9	4.0	2.6
4012	46	17.5	1682	2.6	4.2	3.5
n	5	5	5	5	5	5
Mean	52	21.0	1290	2.0	3.7	2.7
S.D.	5	6.2	329	0.4	0.7	0.7

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Appendix 5 - 17 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Urinalysis Stage : Week 6 of administration (non-mating group)

Sex : Female Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	Water consumption mL/24h	Urine volume mL/24h	Osmotic pressure mOsm/kg	U-Na mmol/24h	U-K mmol/24h	U-Cl mmol/24h
5106	26	5.8	1852	0.7	1.8	1.3
5107	20	5.0	1912	0.7	1.6	1.0
5108	35	7.6	1590	1.0	1.8	1.2
5109	43	8.7	1294	0.7	1.7	1.0
5110	34	7.4	1476	0.9	1.6	1.1
n	5	5	5	5	5	5
Mean	32	6.9	1625	0.8	1.7	1.1
S.D.	9	1.5	258	0.1	0.1	0.1

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Appendix 5 - 18 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Urinalysis Stage : Week 6 of administration (non-mating group)

Sex : Female Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	Water consumption mL/24h	Urine volume mL/24h	Osmotic pressure mOsm/kg	U-Na mmol/24h	U-K mmol/24h	U-Cl mmol/24h
6106	42	13.2	1286	1.4	2.4	1.8
6107	27	12.4	1324	0.9	1.9	1.1
6108	60	14.5	930	1.3	1.8	1.5
6109	40	11.0	1624	1.2	2.4	1.9
6110	35	10.3	1676	0.9	2.3	1.5
n	5	5	5	5	5	5
Mean	41	12.3	1368	1.1	2.2	1.6
S.D.	12	1.7	300	0.2	0.3	0.3

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Appendix 5 - 19 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Urinalysis Stage : Week 2 of recovery

Sex : Male Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	pH	Protein	Ketones	Glucose	Occult Blood	Bilirubin	Urobilinogen	Color
1008	7.5	1+	1+	-	+/-	-	+/-	Y
1009	8.0	+/-	+/-	-	+/-	-	+/-	Y
1010	>=9.0	1+	1+	-	+/-	-	+/-	Y
1011	8.0	-	+/-	-	+/-	-	+/-	Y
1012	8.5	1+	1+	-	+/-	-	+/-	Y
n	5	5	5	5	5	5	5	5

Color LY: Light Yellow Y: Yellow DY: Dark Yellow BR: Brown RE: Red RB: Reddish brown WH: White BL: Blue CL: Colorless OT: Other
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals
Protein) -:Negative , +/-:15 , 1+:30 , 2+:100 , 3+:>=300 mg/dL
Ketones) -:Negative , +/-:5 , 1+:15 , 2+:40 , 3+:80 mg/dL
Glucose) -:Negative , 1+:100 , 2+:250 , 3+:500 , 4+:>=1000 mg/dL
Occult Blood) -:Negative , +/-:0.015 , 1+:0.062 , 2+:0.135 , 3+:0.405 mg/dL
Bilirubin) -:Negative , 1+:0.8 , 2+:1.6 , 3+:3.2 mg/dL
Urobilinogen) +/-:0.1 - 1.0 , 1+:2.0 , 2+:4.0 , 3+:>=8.0 Ehrlich U/dL
Color LY: Light Yellow Y: Yellow DY: Dark Yellow BR: Brown RE: Red RB: Reddish brown WH: White BL: Blue CL: Colorless OT: Other

Urinalysis Stage : Week 2 of recovery

Sex : Male Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	pH	Protein	Ketones	Glucose	Occult Blood	Bilirubin	Urobilinogen	Color
4008	>=9.0	1+	2+	-	-	-	+/-	Y
4009	8.5	1+	+/-	-	+/-	-	+/-	Y
4010	8.5	+/-	+/-	-	+/-	-	+/-	Y
4011	>=9.0	+/-	1+	-	+/-	-	+/-	Y
4012	>=9.0	1+	1+	-	-	-	+/-	Y
n	5	5	5	5	5	5	5	5

Color LY: Light Yellow Y: Yellow DY: Dark Yellow BR: Brown RE: Red RB: Reddish brown WH: White BL: Blue CL: Colorless OT: Other
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals
Protein) -:Negative , +/-:15 , 1+:30 , 2+:100 , 3+:>=300 mg/dL
Ketones) -:Negative , +/-:5 , 1+:15 , 2+:40 , 3+:80 mg/dL
Glucose) -:Negative , 1+:100 , 2+:250 , 3+:500 , 4+:>=1000 mg/dL
Occult Blood) -:Negative , +/-:0.015 , 1+:0.062 , 2+:0.135 , 3+:0.405 mg/dL
Bilirubin) -:Negative , 1+:0.8 , 2+:1.6 , 3+:3.2 mg/dL
Urobilinogen) +/-:0.1 - 1.0 , 1+:2.0 , 2+:4.0 , 3+:>=8.0 Ehrlich U/dL
Color LY: Light Yellow Y: Yellow DY: Dark Yellow BR: Brown RE: Red RB: Reddish brown WH: White BL: Blue CL: Colorless OT: Other

Appendix 5 - 21 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Urinalysis Stage : Week 2 of recovery (non-mating group)

Sex : Female Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	pH	Protein	Ketones	Glucose	Occult Blood	Bilirubin	Urobilinogen	Color
5106	8.5	+/-	+/-	-	-	-	+/-	Y
5107	8.5	-	-	-	-	-	+/-	Y
5108	6.5	-	+/-	-	-	-	+/-	Y
5109	7.5	-	-	-	-	-	+/-	Y
5110	8.5	-	-	-	-	-	+/-	Y
n	5	5	5	5	5	5	5	5

Color LY: Light Yellow Y: Yellow DY: Dark Yellow BR: Brown RE: Red RB: Reddish brown WH: White BL: Blue CL: Colorless OT: Other
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals
Protein) -:Negative , +/-:15 , 1+:30 , 2+:100 , 3+:>=300 mg/dL
Ketones) -:Negative , +/-:5 , 1+:15 , 2+:40 , 3+:80 mg/dL
Glucose) -:Negative , 1+:100 , 2+:250 , 3+:500 , 4+:>=1000 mg/dL
Occult Blood) -:Negative , +/-:0.015 , 1+:0.062 , 2+:0.135 , 3+:0.405 mg/dL
Bilirubin) -:Negative , 1+:0.8 , 2+:1.6 , 3+:3.2 mg/dL
Urobilinogen) +/-:0.1 - 1.0 , 1+:2.0 , 2+:4.0 , 3+:>=8.0 Ehrlich U/dL
Color LY: Light Yellow Y: Yellow DY: Dark Yellow BR: Brown RE: Red RB: Reddish brown WH: White BL: Blue CL: Colorless OT: Other

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Urinalysis

Stage : Week 2 of recovery (non-mating group)

Sex : Female

Dose : EHOEE 1000 mg/kg

Species : Rat

Animal No.	pH	Protein	Ketones	Glucose	Occult Blood	Bilirubin	Urobilinogen	Color
6106	>=9.0	-	-	-	-	-	+/-	Y
6107	8.5	-	-	-	-	-	+/-	Y
6108	>=9.0	-	-	-	-	-	+/-	Y
6109	>=9.0	+/-	+/-	-	-	-	+/-	Y
6110	>=9.0	+/-	+/-	-	-	-	+/-	Y
n	5	5	5	5	5	5	5	5

Color LY: Light Yellow Y: Yellow DY: Dark Yellow BR: Brown RE: Red RB: Reddish brown WH: White BL: Blue CL: Colorless OT: Other
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals
Protein) -:Negative , +/-:15 , 1+:30 , 2+:100 , 3+:>=300 mg/dL
Ketones) -:Negative , +/-:5 , 1+:15 , 2+:40 , 3+:80 mg/dL
Glucose) -:Negative , 1+:100 , 2+:250 , 3+:500 , 4+:>=1000 mg/dL
Occult Blood) -:Negative , +/-:0.015 , 1+:0.062 , 2+:0.135 , 3+:0.405 mg/dL
Bilirubin) -:Negative , 1+:0.8 , 2+:1.6 , 3+:3.2 mg/dL
Urobilinogen) +/-:0.1 - 1.0 , 1+:2.0 , 2+:4.0 , 3+:>=8.0 Ehrlich U/dL
Color LY: Light Yellow Y: Yellow DY: Dark Yellow BR: Brown RE: Red RB: Reddish brown WH: White BL: Blue CL: Colorless OT: Other

Appendix 5 - 23 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Urinalysis Stage : Week 2 of recovery

Sex : Male Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	RBC	WBC	Squamous epithelial cells	Small round epithelial cells	Cast	Crystal phosphate salts	Crystal calcium oxalate
1008	-	-	+/-	-	-	-	-
1009	-	-	+/-	-	-	-	-
1010	-	-	+/-	-	-	+/-	-
1011	-	-	+/-	-	-	-	-
1012	-	-	+/-	-	-	+/-	-
n	5	5	5	5	5	5	5

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals
RBC) -:Negative , +/-:Slight , 1+:Mild , 2+:Moderate , 3+:Severe
WBC) -:Negative , +/-:Slight , 1+:Mild , 2+:Moderate , 3+:Severe
Squamous epithelial cells) -:Negative , +/-:Slight , 1+:Mild , 2+:Moderate , 3+:Severe
Small round epithelial cells) -:Negative , +/-:Slight , 1+:Mild , 2+:Moderate , 3+:Severe
Cast) -:Negative , +/-:Slight , 1+:Mild , 2+:Moderate , 3+:Severe
Crystal phosphate salts) -:Negative , +/-:Slight , 1+:Mild , 2+:Moderate , 3+:Severe
Crystal calcium oxalate) -:Negative , +/-:Slight , 1+:Mild , 2+:Moderate , 3+:Severe

Appendix 5 - 24 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Urinalysis Stage : Week 2 of recovery

Sex : Male Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	RBC	WBC	Squamous epithelial cells	Small round epithelial cells	Cast	Crystal phosphate salts	Crystal calcium oxalate
4008	-	-	+/-	-	-	-	-
4009	-	-	+/-	-	-	-	-
4010	-	-	+/-	-	-	-	-
4011	-	-	+/-	-	-	+/-	-
4012	-	-	+/-	-	-	-	-
n	5	5	5	5	5	5	5

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals
RBC) -:Negative , +/-:Slight , 1+:Mild , 2+:Moderate , 3+:Severe
WBC) -:Negative , +/-:Slight , 1+:Mild , 2+:Moderate , 3+:Severe
Squamous epithelial cells) -:Negative , +/-:Slight , 1+:Mild , 2+:Moderate , 3+:Severe
Small round epithelial cells) -:Negative , +/-:Slight , 1+:Mild , 2+:Moderate , 3+:Severe
Cast) -:Negative , +/-:Slight , 1+:Mild , 2+:Moderate , 3+:Severe
Crystal phosphate salts) -:Negative , +/-:Slight , 1+:Mild , 2+:Moderate , 3+:Severe
Crystal calcium oxalate) -:Negative , +/-:Slight , 1+:Mild , 2+:Moderate , 3+:Severe

Appendix 5 - 25 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Urinalysis Stage : Week 2 of recovery (non-mating group)

Sex : Female Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	RBC	WBC	Squamous epithelial cells	Small round epithelial cells	Cast	Crystal phosphate salts	Crystal calcium oxalate
5106	-	-	+/-	-	-	+/-	-
5107	-	-	+/-	-	-	+/-	-
5108	-	-	+/-	-	-	-	-
5109	-	-	+/-	-	-	-	-
5110	-	-	+/-	-	-	-	-
n	5	5	5	5	5	5	5

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals
RBC) -:Negative , +/-:Slight , 1+:Mild , 2+:Moderate , 3+:Severe
WBC) -:Negative , +/-:Slight , 1+:Mild , 2+:Moderate , 3+:Severe
Squamous epithelial cells) -:Negative , +/-:Slight , 1+:Mild , 2+:Moderate , 3+:Severe
Small round epithelial cells) -:Negative , +/-:Slight , 1+:Mild , 2+:Moderate , 3+:Severe
Cast) -:Negative , +/-:Slight , 1+:Mild , 2+:Moderate , 3+:Severe
Crystal phosphate salts) -:Negative , +/-:Slight , 1+:Mild , 2+:Moderate , 3+:Severe
Crystal calcium oxalate) -:Negative , +/-:Slight , 1+:Mild , 2+:Moderate , 3+:Severe

Appendix 5 - 26 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Urinalysis Stage : Week 2 of recovery (non-mating group)

Sex : Female Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	RBC	WBC	Squamous epithelial cells	Small round epithelial cells	Cast	Crystal phosphate salts	Crystal calcium oxalate
6106	-	-	+/-	-	-	-	-
6107	-	-	+/-	-	-	+/-	-
6108	-	-	+/-	-	-	-	-
6109	-	-	+/-	-	-	+/-	-
6110	-	-	+/-	-	-	-	-
n	5	5	5	5	5	5	5

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals
RBC) -:Negative , +/-:Slight , 1+:Mild , 2+:Moderate , 3+:Severe
WBC) -:Negative , +/-:Slight , 1+:Mild , 2+:Moderate , 3+:Severe
Squamous epithelial cells) -:Negative , +/-:Slight , 1+:Mild , 2+:Moderate , 3+:Severe
Small round epithelial cells) -:Negative , +/-:Slight , 1+:Mild , 2+:Moderate , 3+:Severe
Cast) -:Negative , +/-:Slight , 1+:Mild , 2+:Moderate , 3+:Severe
Crystal phosphate salts) -:Negative , +/-:Slight , 1+:Mild , 2+:Moderate , 3+:Severe
Crystal calcium oxalate) -:Negative , +/-:Slight , 1+:Mild , 2+:Moderate , 3+:Severe

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Urinalysis

Stage : Week 2 of recovery

Sex : Male

Dose : EHOEE 0 mg/kg

Species : Rat

Animal No.	Water consumption mL/24h	Urine volume mL/24h	Osmotic pressure mOsm/kg	U-Na mmol/24h	U-K mmol/24h	U-Cl mmol/24h
1008	40	10.1	2104	1.6	3.3	2.1
1009	63	17.9	1860	2.4	5.3	3.5
1010	40	12.2	2170	1.9	4.2	2.5
1011	62	26.6	1542	2.5	6.3	3.6
1012	44	13.8	1912	1.8	4.0	2.3
n	5	5	5	5	5	5
Mean	50	16.1	1918	2.0	4.6	2.8
S.D.	12	6.5	246	0.4	1.2	0.7

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Urinalysis

Stage : Week 2 of recovery

Sex : Male

Dose : EHOEE 1000 mg/kg

Species : Rat

Animal No.	Water consumption mL/24h	Urine volume mL/24h	Osmotic pressure mOsm/kg	U-Na mmol/24h	U-K mmol/24h	U-Cl mmol/24h
4008	41	13.0	2070	2.3	4.2	3.0
4009	36	11.3	2080	1.9	3.8	2.4
4010	53	28.2	1858	2.9	7.7	4.7
4011	43	15.8	1734	2.2	4.2	2.8
4012	39	15.6	1818	2.2	4.4	3.1
n	5	5	5	5	5	5
Mean	42	16.8	1912	2.3	4.9	3.2
S.D.	6	6.7	155	0.4	1.6	0.9

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Urinalysis

Stage : Week 2 of recovery (non-mating group)

Sex : Female

Dose : EHOEE 0 mg/kg

Species : Rat

Animal No.	Water consumption mL/24h	Urine volume mL/24h	Osmotic pressure mOsm/kg	U-Na mmol/24h	U-K mmol/24h	U-Cl mmol/24h
5106	29	6.1	2360	1.0	2.1	1.4
5107	34	10.4	1900	1.4	3.2	2.1
5108	33	8.5	1936	1.2	2.4	1.6
5109	44	14.1	1198	1.1	2.7	1.5
5110	38	11.3	1538	1.3	2.7	1.9
n	5	5	5	5	5	5
Mean	36	10.1	1786	1.2	2.6	1.7
S.D.	6	3.0	439	0.2	0.4	0.3

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Urinalysis

Stage : Week 2 of recovery (non-mating group)

Sex : Female

Dose : EHOEE 1000 mg/kg

Species : Rat

Animal No.	Water consumption mL/24h	Urine volume mL/24h	Osmotic pressure mOsm/kg	U-Na mmol/24h	U-K mmol/24h	U-Cl mmol/24h
6106	36	10.9	1602	1.1	2.7	1.9
6107	38	15.5	1284	1.3	3.0	2.0
6108	39	11.0	1844	1.8	3.1	2.5
6109	30	10.9	2196	1.7	3.5	2.3
6110	31	7.6	2504	1.2	2.9	1.9
n	5	5	5	5	5	5
Mean	35	11.2	1886	1.4	3.0	2.1
S.D.	4	2.8	480	0.3	0.3	0.3

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

n: Number of animals

Appendix 6 - 1 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Hematology and Coagulation tests Stage : End of administration

Sex : Male Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	RBC $10^4/\mu L$	HGB g/dL	HCT %	MCV fL	MCH pg	MCHC g/dL	RDW %	#RETIC $10^9/L$	PLT $10^4/\mu L$	WBC $10^2/\mu L$	#LYMP $10^2/\mu L$
1001	880	16.3	46.3	52.6	18.6	35.3	12.8	187.2	94.6	57.4	40.5
1002	826	15.9	45.0	54.5	19.2	35.2	12.5	210.0	119.5	75.8	52.0
1003	806	16.1	46.1	57.3	19.9	34.8	11.5	186.9	103.5	82.2	60.6
1004	851	15.8	43.9	51.6	18.6	36.1	12.7	173.6	132.3	143.3	104.1
1005	861	15.5	45.0	52.3	18.0	34.4	12.7	194.0	108.4	92.0	71.5
n	5	5	5	5	5	5	5	5	5	5	5
Mean	845	15.9	45.3	53.7	18.9	35.2	12.4	190.3	111.7	90.1	65.7
S.D.	29	0.3	1.0	2.3	0.7	0.6	0.5	13.2	14.6	32.3	24.3

Animal No.	#NEUT $10^2/\mu L$	#EOS $10^2/\mu L$	#BASO $10^2/\mu L$	#MONO $10^2/\mu L$	#LUC $10^2/\mu L$	PT s	APTT s	FIB mg/dL
1001	14.3	1.0	0.1	1.3	0.2	13.0	20.3	280
1002	20.0	0.8	0.2	2.4	0.3	13.3	17.3	325
1003	18.2	1.0	0.1	1.3	0.9	12.8	14.2	328
1004	33.5	1.7	0.4	2.0	1.4	12.8	17.3	298
1005	16.7	0.8	0.2	1.8	1.0	12.8	15.9	360
n	5	5	5	5	5	5	5	5
Mean	20.5	1.1	0.2	1.8	0.8	12.9	17.0	318
S.D.	7.5	0.4	0.1	0.5	0.5	0.2	2.2	31

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

n: Number of animals

Appendix 6 - 2 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Hematology and Coagulation tests Stage : End of administration

Sex : Male Dose : EHOEE 100 mg/kg Species : Rat

	RBC	HGB	HCT	MCV	MCH	MCHC	RDW	#RETIC	PLT	WBC	#LYMP
Animal No.	10^4/μL	g/dL	%	fL	pg	g/dL	%	10^9/L	10^4/μL	10^2/μL	10^2/μL
2001	891	15.9	46.1	51.7	17.9	34.6	11.8	144.9	96.3	75.6	46.7
2002	848	15.8	45.0	53.1	18.7	35.2	12.6	171.1	113.3	96.2	73.5
2003	815	15.2	43.5	53.3	18.7	35.0	13.1	182.4	109.7	81.4	60.3
2004	854	16.1	47.9	56.1	18.9	33.6	12.2	210.0	92.8	82.4	60.1
2005	813	15.4	44.4	54.6	19.0	34.8	11.9	166.1	98.9	100.3	80.2
n	5	5	5	5	5	5	5	5	5	5	5
Mean	844	15.7	45.4	53.8	18.6	34.6	12.3	174.9	102.2	87.2	64.2
S.D.	32	0.4	1.7	1.7	0.4	0.6	0.5	23.9	8.9	10.5	13.0

	#NEUT	#EOS	#BASO	#MONO	#LUC	PT	APTT	FIB
Animal No.	10^2/μL	10^2/μL	10^2/μL	10^2/μL	10^2/μL	s	s	mg/dL
2001	24.8	1.1	0.1	2.5	0.3	13.1	18.2	254
2002	19.0	1.0	0.2	2.2	0.3	13.1	17.4	295
2003	16.2	1.7	0.1	2.2	0.9	12.6	15.5	315
2004	18.6	0.9	0.3	1.5	0.9	12.9	17.4	299
2005	15.4	1.4	0.3	2.2	0.9	12.8	16.2	310
n	5	5	5	5	5	5	5	5
Mean	18.8	1.2	0.2	2.1	0.7	12.9	16.9	295
S.D.	3.7	0.3	0.1	0.4	0.3	0.2	1.1	24

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Appendix 6 - 3 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Hematology and Coagulation tests Stage : End of administration

Sex : Male Dose : EHOEE 300 mg/kg Species : Rat

Animal No.	RBC 10^4/μL	HGB g/dL	HCT %	MCV fL	MCH pg	MCHC g/dL	RDW %	#RETIC 10^9/L	PLT 10^4/μL	WBC 10^2/μL	#LYMP 10^2/μL
3001	808	14.5	41.3	51.1	18.0	35.1	12.3	179.1	113.6	125.6	96.1
3002	853	15.4	44.0	51.6	18.1	35.0	12.6	168.9	107.1	93.5	71.8
3003	864	15.4	44.5	51.5	17.8	34.6	13.4	223.3	119.9	108.5	72.6
3004	845	15.6	44.2	52.4	18.4	35.2	13.0	144.4	93.8	74.4	63.2
3005	842	15.6	44.4	52.7	18.5	35.1	12.7	84.4	95.2	101.8	90.9
n	5	5	5	5	5	5	5	5	5	5	5
Mean	842	15.3	43.7	51.9	18.2	35.0	12.8	160.0	105.9	100.8	78.9
S.D.	21	0.5	1.3	0.7	0.3	0.2	0.4	51.0	11.4	18.9	13.9

Animal No.	#NEUT 10^2/μL	#EOS 10^2/μL	#BASO 10^2/μL	#MONO 10^2/μL	#LUC 10^2/μL	PT s	APTT s	FIB mg/dL
3001	23.5	1.3	0.3	2.6	1.8	12.3	14.2	293
3002	15.7	2.1	0.3	3.0	0.6	12.5	17.0	285
3003	29.5	2.3	0.3	3.1	0.8	12.8	14.4	322
3004	8.9	0.4	0.1	1.1	0.6	12.6	15.8	292
3005	8.5	0.4	0.3	1.1	0.6	13.8	16.8	292
n	5	5	5	5	5	5	5	5
Mean	17.2	1.3	0.3	2.2	0.9	12.8	15.6	297
S.D.	9.2	0.9	0.1	1.0	0.5	0.6	1.3	14

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

n: Number of animals

Appendix 6 - 4 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Hematology and Coagulation tests Stage : End of administration

Sex : Male Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	RBC 10^4/μL	HGB g/dL	HCT %	MCV fL	MCH pg	MCHC g/dL	RDW %	#RETIC 10^9/L	PLT 10^4/μL	WBC 10^2/μL	#LYMP 10^2/μL
4001	803	14.8	43.0	53.6	18.4	34.4	12.8	140.8	104.2	76.2	55.4
4002	871	15.8	45.0	51.7	18.1	35.0	12.2	127.4	111.3	103.8	74.6
4003	790	14.5	43.2	54.7	18.4	33.6	12.5	146.7	93.2	94.2	79.4
4004	787	14.7	43.2	54.8	18.7	34.1	12.5	164.5	118.3	100.2	74.0
4005	852	15.3	45.4	53.3	18.0	33.8	12.4	171.8	100.6	137.0	94.8
n	5	5	5	5	5	5	5	5	5	5	5
Mean	821	15.0	44.0	53.6	18.3	34.2	12.5	150.2	105.5	102.3	75.6
S.D.	38	0.5	1.1	1.3	0.3	0.5	0.2	18.0	9.7	22.1	14.1

Animal No.	#NEUT 10^2/μL	#EOS 10^2/μL	#BASO 10^2/μL	#MONO 10^2/μL	#LUC 10^2/μL	PT s	APTT s	FIB mg/dL
4001	16.5	1.0	0.1	2.5	0.8	13.4	18.7	248
4002	23.5	1.9	0.4	2.1	1.4	13.0	17.8	285
4003	10.5	1.0	0.2	2.0	1.0	13.2	17.3	308
4004	21.6	1.3	0.3	2.1	0.9	12.2	12.5	268
4005	33.9	1.6	0.4	4.8	1.5	14.8	24.8	245
n	5	5	5	5	5	5	5	5
Mean	21.2	1.4	0.3	2.7	1.1	13.3	18.2	271
S.D.	8.7	0.4	0.1	1.2	0.3	0.9	4.4	26

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Appendix 6 - 5 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Hematology and Coagulation tests Stage : End of lactation (F0 dams)

Sex : Female Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	RBC $10^4/\mu L$	HGB g/dL	HCT %	MCV fL	MCH pg	MCHC g/dL	RDW %	#RETIC $10^9/L$	PLT $10^4/\mu L$	WBC $10^2/\mu L$	#LYMP $10^2/\mu L$
1101	734	14.9	42.6	57.9	20.3	35.0	12.8	240.3	135.2	76.3	48.8
1102	738	15.1	43.7	59.1	20.5	34.6	13.1	283.8	108.9	84.6	54.4
1104	751	16.7	45.9	61.2	22.2	36.3	14.5	304.2	101.5	71.6	39.3
1105	761	16.2	45.7	60.1	21.2	35.3	15.1	255.1	118.3	63.9	37.8
1112	785	16.2	45.4	57.9	20.7	35.7	12.0	238.1	114.3	72.8	45.6
n	5	5	5	5	5	5	5	5	5	5	5
Mean	754	15.8	44.7	59.2	21.0	35.4	13.5	264.3	115.6	73.8	45.2
S.D.	20	0.8	1.4	1.4	0.8	0.7	1.3	28.8	12.6	7.5	6.8

Animal No.	#NEUT $10^2/\mu L$	#EOS $10^2/\mu L$	#BASO $10^2/\mu L$	#MONO $10^2/\mu L$	#LUC $10^2/\mu L$	PT s	APTT s	FIB mg/dL
1101	22.4	0.3	0.1	3.4	1.3	12.1	12.8	375
1102	28.1	0.2	0.1	1.2	0.5	12.4	14.8	401
1104	29.9	0.4	0.2	1.3	0.5	12.9	14.7	485
1105	21.6	0.4	0.1	3.0	1.1	12.1	12.3	397
1112	20.7	1.3	0.1	3.7	1.4	13.6	12.5	299
n	5	5	5	5	5	5	5	5
Mean	24.5	0.5	0.1	2.5	1.0	12.6	13.4	391
S.D.	4.2	0.4	0.0	1.2	0.4	0.6	1.2	67

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

n: Number of dams

Appendix 6 - 6 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Hematology and Coagulation tests Stage : End of lactation (F0 dams)

Sex : Female Dose : EHOEE 100 mg/kg Species : Rat

Animal No.	RBC 10^4/μL	HGB g/dL	HCT %	MCV fL	MCH pg	MCHC g/dL	RDW %	#RETIC 10^9/L	PLT 10^4/μL	WBC 10^2/μL	#LYMP 10^2/μL
2101	800	16.1	46.2	57.8	20.2	34.9	13.8	305.3	120.1	92.2	58.3
2102	728	15.4	41.6	57.2	21.1	36.9	14.0	181.3	110.8	119.4	49.2
2105	729	15.1	40.2	55.1	20.7	37.5	13.1	248.1	114.5	127.5	70.8
2110	750	15.3	41.9	55.8	20.4	36.6	13.2	266.2	120.9	163.8	76.8
2111	748	15.5	43.0	57.4	20.7	36.0	12.3	210.1	117.0	216.6	101.3
n	5	5	5	5	5	5	5	5	5	5	5
Mean	751	15.5	42.6	56.7	20.6	36.4	13.3	242.2	116.7	143.9	71.3
S.D.	29	0.4	2.3	1.2	0.3	1.0	0.7	48.3	4.2	48.0	19.9

Animal No.	#NEUT 10^2/μL	#EOS 10^2/μL	#BASO 10^2/μL	#MONO 10^2/μL	#LUC 10^2/μL	PT s	APTT s	FIB mg/dL
2101	27.2	1.1	0.2	4.4	1.0	12.5	12.4	307
2102	62.0	0.9	0.4	5.0	1.9	13.1	14.9	448
2105	48.2	0.3	0.2	5.6	2.5	13.8	15.6	449
2110	77.0	1.7	0.4	5.9	1.9	11.5	11.0	454
2111	102.7	0.7	0.4	7.1	4.4	12.5	11.9	414
n	5	5	5	5	5	5	5	5
Mean	63.4	0.9	0.3	5.6	2.3	12.7	13.2	414
S.D.	28.6	0.5	0.1	1.0	1.3	0.8	2.0	62

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

n: Number of dams

Appendix 6 - 7 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Hematology and Coagulation tests Stage : End of lactation (F0 dams)

Sex : Female Dose : EHOEE 300 mg/kg Species : Rat

Animal No.	RBC 10^4/μL	HGB g/dL	HCT %	MCV fL	MCH pg	MCHC g/dL	RDW %	#RETIC 10^9/L	PLT 10^4/μL	WBC 10^2/μL	#LYMP 10^2/μL
3101	709	15.0	42.2	59.6	21.2	35.6	14.1	308.8	97.4	99.7	46.6
3104	704	14.1	39.9	56.7	20.1	35.5	14.2	244.5	129.2	105.2	49.2
3107	724	15.2	43.1	59.5	21.0	35.4	14.4	274.9	128.4	73.1	45.5
3110	733	15.1	42.9	58.6	20.6	35.1	13.9	235.7	121.7	125.6	82.5
3111	752	16.2	45.6	60.7	21.6	35.6	12.8	280.4	132.5	60.1	34.2
n	5	5	5	5	5	5	5	5	5	5	5
Mean	724	15.1	42.7	59.0	20.9	35.4	13.9	268.9	121.8	92.7	51.6
S.D.	19	0.7	2.0	1.5	0.6	0.2	0.6	29.4	14.2	26.1	18.2

Animal No.	#NEUT 10^2/μL	#EOS 10^2/μL	#BASO 10^2/μL	#MONO 10^2/μL	#LUC 10^2/μL	PT s	APTT s	FIB mg/dL
3101	43.4	1.3	0.2	5.9	2.3	12.4	13.0	548
3104	44.4	1.8	0.1	7.4	2.2	12.5	12.5	372
3107	25.8	0.3	0.2	0.8	0.6	11.5	12.0	601
3110	36.4	1.0	0.2	4.1	1.3	12.3	14.7	273
3111	22.9	0.4	0.1	2.1	0.4	12.7	13.9	342
n	5	5	5	5	5	5	5	5
Mean	34.6	1.0	0.2	4.1	1.4	12.3	13.2	427
S.D.	9.9	0.6	0.1	2.7	0.9	0.5	1.1	140

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

n: Number of dams

Appendix 6 - 8 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Hematology and Coagulation tests Stage : End of lactation (F0 dams)

Sex : Female Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	RBC 10^4/μL	HGB g/dL	HCT %	MCV fL	MCH pg	MCHC g/dL	RDW %	#RETIC 10^9/L	PLT 10^4/μL	WBC 10^2/μL	#LYMP 10^2/μL
4101	762	15.6	42.7	56.0	20.5	36.5	13.5	266.0	129.4	131.4	49.4
4102	727	15.0	41.6	57.3	20.7	36.1	13.3	203.4	114.5	89.3	48.2
4103	738	15.5	43.5	59.0	21.0	35.6	15.7	207.8	113.8	94.6	57.3
4104	778	16.2	46.1	59.3	20.8	35.1	13.5	316.5	106.7	94.4	53.7
4106	729	15.3	42.6	58.4	21.1	36.0	13.3	266.4	131.4	84.3	34.3
n	5	5	5	5	5	5	5	5	5	5	5
Mean	747	15.5	43.3	58.0	20.8	35.9	13.9	252.0	119.2	98.8	48.6
S.D.	22	0.4	1.7	1.4	0.2	0.5	1.0	47.1	10.7	18.7	8.8

Animal No.	#NEUT 10^2/μL	#EOS 10^2/μL	#BASO 10^2/μL	#MONO 10^2/μL	#LUC 10^2/μL	PT s	APTT s	FIB mg/dL
4101	74.9	1.0	0.2	4.4	1.4	11.9	12.7	566
4102	39.1	0.3	0.2	1.0	0.4	12.3	13.0	609
4103	30.7	0.4	0.3	4.2	1.8	10.9	11.6	345
4104	33.6	0.7	0.2	5.1	1.2	12.0	12.4	371
4106	47.7	0.4	0.1	1.4	0.5	12.7	13.3	461
n	5	5	5	5	5	5	5	5
Mean	45.2	0.6	0.2	3.2	1.1	12.0	12.6	470
S.D.	17.8	0.3	0.1	1.9	0.6	0.7	0.7	116

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

n: Number of dams

Appendix 6 - 9 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Hematology and Coagulation tests Stage : End of administration (non-mating group)

Sex : Female Dose : EHOEE 0 mg/kg Species : Rat

	RBC	HGB	HCT	MCV	MCH	MCHC	RDW	#RETIC	PLT	WBC	#LYMP
Animal No.	10^4/μL	g/dL	%	fL	pg	g/dL	%	10^9/L	10^4/μL	10^2/μL	10^2/μL
5101	760	14.6	40.3	53.1	19.1	36.1	11.2	132.8	114.0	84.0	60.7
5102	730	14.9	41.5	56.9	20.4	35.9	11.3	137.2	94.4	43.3	35.3
5103	808	16.3	45.2	55.9	20.1	36.0	12.0	187.5	92.8	45.3	37.9
5104	740	15.1	41.3	55.8	20.4	36.5	11.8	173.6	116.7	36.9	27.8
5105	789	15.0	43.6	55.3	19.1	34.5	11.7	187.9	108.6	54.4	39.2
n	5	5	5	5	5	5	5	5	5	5	5
Mean	765	15.2	42.4	55.4	19.8	35.8	11.6	163.8	105.3	52.8	40.2
S.D.	33	0.7	2.0	1.4	0.7	0.8	0.3	27.0	11.1	18.5	12.3

	#NEUT	#EOS	#BASO	#MONO	#LUC	PT	APTT	FIB
Animal No.	10^2/μL	10^2/μL	10^2/μL	10^2/μL	10^2/μL	s	s	mg/dL
5101	19.6	1.2	0.2	1.6	0.7	12.7	14.6	208
5102	6.0	0.4	0.0	1.2	0.3	13.3	13.8	192
5103	5.5	0.5	0.1	1.0	0.3	12.7	12.0	215
5104	7.5	0.7	0.0	0.6	0.2	13.0	17.8	249
5105	12.7	0.8	0.1	1.1	0.6	13.5	17.1	265
n	5	5	5	5	5	5	5	5
Mean	10.3	0.7	0.1	1.1	0.4	13.0	15.1	226
S.D.	6.0	0.3	0.1	0.4	0.2	0.4	2.4	30

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

n: Number of animals

Appendix 6 - 10 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Hematology and Coagulation tests Stage : End of administration (non-mating group)

Sex : Female Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	RBC $10^4/\mu L$	HGB g/dL	HCT %	MCV fL	MCH pg	MCHC g/dL	RDW %	#RETIC $10^9/L$	PLT $10^4/\mu L$	WBC $10^2/\mu L$	#LYMP $10^2/\mu L$
6101	732	14.7	41.9	57.2	20.1	35.1	12.1	232.0	108.9	38.7	30.5
6102	758	13.9	39.4	52.0	18.3	35.2	11.8	182.0	110.3	72.5	60.1
6103	772	15.5	44.7	57.9	20.0	34.5	10.8	201.2	109.0	73.0	62.8
6104	778	15.1	43.3	55.6	19.4	34.9	11.0	161.9	114.3	81.1	59.6
6105	739	14.8	41.8	56.6	20.0	35.4	11.7	174.8	101.8	39.6	31.4
n	5	5	5	5	5	5	5	5	5	5	5
Mean	756	14.8	42.2	55.9	19.6	35.0	11.5	190.4	108.9	61.0	48.9
S.D.	20	0.6	2.0	2.3	0.8	0.3	0.6	27.3	4.5	20.2	16.4

Animal No.	#NEUT $10^2/\mu L$	#EOS $10^2/\mu L$	#BASO $10^2/\mu L$	#MONO $10^2/\mu L$	#LUC $10^2/\mu L$	PT s	APTT s	FIB mg/dL
6101	6.7	0.6	0.1	0.6	0.2	11.6	13.0	237
6102	9.2	0.7	0.1	1.7	0.8	12.1	12.9	213
6103	7.7	0.7	0.1	1.3	0.4	12.5	12.0	216
6104	15.9	1.9	0.2	2.5	1.0	13.1	14.0	227
6105	6.7	0.5	0.0	0.7	0.3	13.4	14.7	250
n	5	5	5	5	5	5	5	5
Mean	9.2	0.9	0.1	1.4	0.5	12.5	13.3	229
S.D.	3.9	0.6	0.1	0.8	0.3	0.7	1.0	15

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

n: Number of animals

Appendix 6 - 11 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Hematology and Coagulation tests Stage : End of recovery

Sex : Male Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	RBC $10^4/\mu L$	HGB g/dL	HCT %	MCV fL	MCH pg	MCHC g/dL	RDW %	#RETIC $10^9/L$	PLT $10^4/\mu L$	WBC $10^2/\mu L$	#LYMP $10^2/\mu L$
1008	862	16.1	44.1	51.2	18.7	36.5	11.7	90.3	104.0	75.8	62.2
1009	818	15.5	42.1	51.4	19.0	36.9	12.4	184.8	119.0	85.2	67.9
1010	772	14.6	40.2	52.1	18.9	36.2	14.5	187.4	99.0	109.6	93.7
1011	833	15.7	43.5	52.2	18.9	36.2	12.6	127.4	102.3	57.8	48.0
1012	842	15.6	43.2	51.3	18.5	36.1	13.1	176.1	98.8	66.3	51.2
n	5	5	5	5	5	5	5	5	5	5	5
Mean	825	15.5	42.6	51.6	18.8	36.4	12.9	153.2	104.6	78.9	64.6
S.D.	34	0.6	1.5	0.5	0.2	0.3	1.0	42.8	8.3	20.0	18.2

Animal No.	#NEUT $10^2/\mu L$	#EOS $10^2/\mu L$	#BASO $10^2/\mu L$	#MONO $10^2/\mu L$	#LUC $10^2/\mu L$	PT s	APTT s	FIB mg/dL
1008	10.1	1.2	0.2	1.4	0.8	13.6	18.0	287
1009	13.0	1.1	0.2	2.5	0.5	12.4	13.2	263
1010	7.6	1.1	0.2	3.5	3.6	13.2	18.5	321
1011	7.0	0.5	0.1	1.2	1.0	14.2	18.0	299
1012	12.0	0.7	0.0	1.8	0.5	14.1	18.5	270
n	5	5	5	5	5	5	5	5
Mean	9.9	0.9	0.1	2.1	1.3	13.5	17.2	288
S.D.	2.6	0.3	0.1	0.9	1.3	0.7	2.3	23

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

n: Number of animals

Appendix 6 - 12 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Hematology and Coagulation tests Stage : End of recovery

Sex : Male Dose : EHOEE 1000 mg/kg Species : Rat

	RBC	HGB	HCT	MCV	MCH	MCHC	RDW	#RETIC	PLT	WBC	#LYMP
Animal No.	10^4/μL	g/dL	%	fL	pg	g/dL	%	10^9/L	10^4/μL	10^2/μL	10^2/μL
4008	853	16.8	46.6	54.6	19.7	36.0	12.2	153.6	92.6	68.4	54.7
4009	881	17.1	47.2	53.6	19.4	36.3	11.9	178.2	107.6	84.1	63.1
4010	798	14.5	40.4	50.6	18.2	35.9	14.6	257.7	111.8	85.3	59.2
4011	880	16.1	44.6	50.6	18.3	36.2	13.3	206.2	137.2	71.3	44.9
4012	901	16.7	45.7	50.7	18.5	36.5	12.6	229.3	120.1	111.8	79.1
n	5	5	5	5	5	5	5	5	5	5	5
Mean	863	16.2	44.9	52.0	18.8	36.2	12.9	205.0	113.9	84.2	60.2
S.D.	40	1.0	2.7	1.9	0.7	0.2	1.1	41.0	16.4	17.2	12.6

	#NEUT	#EOS	#BASO	#MONO	#LUC	PT	APTT	FIB
Animal No.	10^2/μL	10^2/μL	10^2/μL	10^2/μL	10^2/μL	s	s	mg/dL
4008	10.3	1.0	0.1	1.8	0.6	13.4	16.0	259
4009	15.3	2.1	0.2	1.8	1.6	14.0	20.9	257
4010	17.3	1.9	0.3	3.9	2.8	13.7	20.3	296
4011	21.4	1.7	0.1	2.8	0.5	13.7	18.5	261
4012	24.2	1.4	0.3	5.2	1.5	14.6	20.0	293
n	5	5	5	5	5	5	5	5
Mean	17.7	1.6	0.2	3.1	1.4	13.9	19.1	273
S.D.	5.4	0.4	0.1	1.5	0.9	0.5	2.0	20

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

n: Number of animals

Appendix 6 - 13 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Hematology and Coagulation tests Stage : End of recovery (non-mating group)

Sex : Female Dose : EHOEE 0 mg/kg Species : Rat

	RBC	HGB	HCT	MCV	MCH	MCHC	RDW	#RETIC	PLT	WBC	#LYMP
Animal No.	10^4/μL	g/dL	%	fL	pg	g/dL	%	10^9/L	10^4/μL	10^2/μL	10^2/μL
5106	783	16.0	42.2	53.9	20.5	38.0	11.2	125.7	101.9	63.5	55.7
5107	742	15.2	41.0	55.3	20.5	37.1	11.5	118.4	107.4	65.0	50.4
5108	756	15.2	40.9	54.1	20.1	37.2	11.4	106.4	107.1	58.4	48.9
5109	769	15.6	42.2	54.9	20.3	37.1	11.8	149.8	126.2	45.6	39.3
5110	832	16.6	46.2	55.6	20.0	35.9	11.9	184.2	100.8	53.5	44.5
n	5	5	5	5	5	5	5	5	5	5	5
Mean	776	15.7	42.5	54.8	20.3	37.1	11.6	136.9	108.7	57.2	47.8
S.D.	35	0.6	2.2	0.7	0.2	0.8	0.3	30.8	10.2	7.9	6.2

	#NEUT	#EOS	#BASO	#MONO	#LUC	PT	APTT	FIB
Animal No.	10^2/μL	10^2/μL	10^2/μL	10^2/μL	10^2/μL	s	s	mg/dL
5106	5.7	0.7	0.1	0.8	0.7	13.0	15.2	197
5107	11.6	0.9	0.1	1.6	0.5	12.2	13.0	176
5108	6.7	1.2	0.1	0.8	0.7	12.4	14.2	188
5109	4.4	0.6	0.1	0.8	0.4	12.6	12.7	195
5110	6.8	0.5	0.1	0.9	0.6	12.5	14.8	213
n	5	5	5	5	5	5	5	5
Mean	7.0	0.8	0.1	1.0	0.6	12.5	14.0	194
S.D.	2.7	0.3	0.0	0.3	0.1	0.3	1.1	14

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

n: Number of animals

Appendix 6 - 14 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Hematology and Coagulation tests Stage : End of recovery (non-mating group)

Sex : Female Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	RBC $10^4/\mu L$	HGB g/dL	HCT %	MCV fL	MCH pg	MCHC g/dL	RDW %	#RETIC $10^9/L$	PLT $10^4/\mu L$	WBC $10^2/\mu L$	#LYMP $10^2/\mu L$
6106	760	15.6	41.3	54.3	20.5	37.8	12.7	159.3	107.3	99.3	89.5
6107	839	16.5	43.6	51.9	19.6	37.8	11.8	125.7	111.6	72.3	60.2
6108	748	15.3	42.1	56.2	20.5	36.4	12.0	158.5	114.7	70.2	63.1
6109	799	16.3	44.2	55.3	20.4	36.9	12.4	173.1	120.8	51.9	42.0
6110	817	15.3	41.9	51.3	18.8	36.6	11.0	101.5	102.7	41.6	35.1
n	5	5	5	5	5	5	5	5	5	5	5
Mean	793	15.8	42.6	53.8	20.0	37.1	12.0	143.6	111.4	67.1	58.0
S.D.	38	0.6	1.2	2.1	0.8	0.7	0.6	29.3	6.9	22.1	21.2

Animal No.	#NEUT $10^2/\mu L$	#EOS $10^2/\mu L$	#BASO $10^2/\mu L$	#MONO $10^2/\mu L$	#LUC $10^2/\mu L$	PT s	APTT s	FIB mg/dL
6106	6.2	0.7	0.3	1.6	1.1	12.9	14.1	226
6107	8.2	1.1	0.2	1.6	1.0	12.9	14.2	193
6108	4.4	0.8	0.1	0.9	0.9	12.9	13.3	191
6109	6.0	1.3	0.1	2.0	0.4	13.0	15.2	192
6110	4.3	0.9	0.0	0.9	0.3	13.7	14.5	221
n	5	5	5	5	5	5	5	5
Mean	5.8	1.0	0.1	1.4	0.7	13.1	14.3	205
S.D.	1.6	0.2	0.1	0.5	0.4	0.3	0.7	17

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

n: Number of animals

Appendix 7 - 1 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Blood chemistry Stage : End of administration

Sex : Male Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	AST IU/L	ALT IU/L	ALP IU/L	γ-GTP IU/L	T-BA μmol/L	T-CHO mg/dL	TG mg/dL	PL mg/dL	T-BIL mg/dL	GLU mg/dL	BUN mg/dL
1001	52	35	417	0	35.1	63	81	115	0.1	116	13
1002	47	43	541	0	9.9	106	126	146	0.1	164	16
1003	84	48	577	0	46.5	60	26	92	0.1	154	14
1004	67	51	488	0	23.4	52	36	89	0.1	130	22
1005	61	41	705	0	8.7	77	88	119	0.1	122	17
n	5	5	5	5	5	5	5	5	5	5	5
Mean	62	44	546	0	24.7	72	71	112	0.1	137	16
S.D.	14	6	108	0	16.3	21	41	23	0.0	21	4

Animal No.	CRNN mg/dL	Na mmol/L	K mmol/L	Cl mmol/L	Ca mg/dL	P mg/dL	TP g/dL	ALB g/dL
1001	0.27	144	4.0	103	10.7	5.6	6.6	3.5
1002	0.27	143	3.7	104	10.8	5.5	6.6	3.3
1003	0.27	143	4.1	106	10.6	5.0	6.5	3.2
1004	0.32	145	3.7	106	10.6	6.9	6.6	3.4
1005	0.27	144	3.9	105	11.0	5.8	6.5	3.4
n	5	5	5	5	5	5	5	5
Mean	0.28	144	3.9	105	10.7	5.8	6.6	3.4
S.D.	0.02	1	0.2	1	0.2	0.7	0.1	0.1

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

n: Number of animals

Appendix 7 - 2 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Blood chemistry Stage : End of administration

Sex : Male Dose : EHOEE 100 mg/kg Species : Rat

Animal No.	AST IU/L	ALT IU/L	ALP IU/L	γ-GTP IU/L	T-BA μmol/L	T-CHO mg/dL	TG mg/dL	PL mg/dL	T-BIL mg/dL	GLU mg/dL	BUN mg/dL
2001	51	36	425	0	32.8	68	107	121	0.1	172	14
2002	60	41	602	0	40.9	86	34	127	0.1	176	22
2003	66	39	272	0	29.9	70	52	108	0.1	155	16
2004	73	53	455	0	24.0	62	74	108	0.1	161	18
2005	62	26	538	0	63.2	82	35	114	0.1	149	12
n	5	5	5	5	5	5	5	5	5	5	5
Mean	62	39	458	0	38.2	74	60	116	0.1	163	16
S.D.	8	10	125	0	15.3	10	31	8	0.0	11	4

Animal No.	CRNN mg/dL	Na mmol/L	K mmol/L	Cl mmol/L	Ca mg/dL	P mg/dL	TP g/dL	ALB g/dL
2001	0.23	143	3.9	105	10.5	5.6	6.3	3.3
2002	0.32	143	3.9	107	10.7	5.9	6.3	3.3
2003	0.29	144	4.0	106	10.8	5.1	6.4	3.3
2004	0.27	145	3.7	105	10.8	6.8	6.5	3.4
2005	0.27	146	3.7	106	10.7	6.1	6.3	3.3
n	5	5	5	5	5	5	5	5
Mean	0.28	144	3.8	106	10.7	5.9	6.4	3.3
S.D.	0.03	1	0.1	1	0.1	0.6	0.1	0.0

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

n: Number of animals

Appendix 7 - 3 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Blood chemistry Stage : End of administration

Sex : Male Dose : EHOEE 300 mg/kg Species : Rat

Animal No.	AST IU/L	ALT IU/L	ALP IU/L	γ-GTP IU/L	T-BA μmol/L	T-CHO mg/dL	TG mg/dL	PL mg/dL	T-BIL mg/dL	GLU mg/dL	BUN mg/dL
3001	59	36	364	0	32.1	78	81	121	0.1	157	16
3002	74	45	383	0	34.8	87	48	126	0.1	134	16
3003	64	39	578	1	31.3	83	81	125	0.1	185	17
3004	63	34	377	0	16.6	63	37	99	0.1	190	12
3005	46	26	401	0	3.5	76	131	120	0.0	186	18
n	5	5	5	5	5	5	5	5	5	5	5
Mean	61	36	421	0	23.7	77	76	118	0.1	170	16
S.D.	10	7	89	0	13.3	9	37	11	0.0	24	2

Animal No.	CRNN mg/dL	Na mmol/L	K mmol/L	Cl mmol/L	Ca mg/dL	P mg/dL	TP g/dL	ALB g/dL
3001	0.26	142	4.3	104	10.9	5.4	6.5	3.3
3002	0.28	145	3.8	104	10.8	5.9	6.6	3.2
3003	0.30	143	4.0	105	10.6	4.9	6.5	3.4
3004	0.23	143	3.8	106	10.4	5.8	5.7	3.2
3005	0.30	144	4.1	106	10.5	5.3	6.1	3.1
n	5	5	5	5	5	5	5	5
Mean	0.27	143	4.0	105	10.6	5.5	6.3	3.2
S.D.	0.03	1	0.2	1	0.2	0.4	0.4	0.1

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

n: Number of animals

Appendix 7 - 4 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Blood chemistry Stage : End of administration

Sex : Male Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	AST IU/L	ALT IU/L	ALP IU/L	γ-GTP IU/L	T-BA μmol/L	T-CHO mg/dL	TG mg/dL	PL mg/dL	T-BIL mg/dL	GLU mg/dL	BUN mg/dL
4001	58	41	507	0	12.1	69	98	125	0.1	151	11
4002	60	40	328	1	15.2	65	55	110	0.1	130	15
4003	53	33	484	2	9.4	78	60	115	0.1	151	11
4004	61	43	358	1	33.0	69	58	108	0.1	100	10
4005	270	158	747	1	190.1	104	32	160	0.4	130	10
n	5	5	5	5	5	5	5	5	5	5	5
Mean	100	63	485	1	52.0	77	61	124	0.2	132	11
S.D.	95	53	166	1	77.8	16	24	21	0.1	21	2

Animal No.	CRNN mg/dL	Na mmol/L	K mmol/L	Cl mmol/L	Ca mg/dL	P mg/dL	TP g/dL	ALB g/dL
4001	0.33	143	4.1	107	10.8	5.8	6.1	3.4
4002	0.25	142	3.8	101	10.9	5.4	6.8	3.5
4003	0.27	144	3.8	105	10.8	6.6	6.2	3.1
4004	0.26	144	3.7	105	10.6	6.5	6.3	3.2
4005	0.24	145	4.0	102	11.3	6.3	6.6	3.3
n	5	5	5	5	5	5	5	5
Mean	0.27	144	3.9	104	10.9	6.1	6.4	3.3
S.D.	0.04	1	0.2	2	0.3	0.5	0.3	0.2

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

n: Number of animals

Appendix 7 - 5 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Blood chemistry Stage : End of lactation (F0 dams)

Sex : Female Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	AST IU/L	ALT IU/L	ALP IU/L	γ-GTP IU/L	T-BA μmol/L	T-CHO mg/dL	TG mg/dL	PL mg/dL	T-BIL mg/dL	GLU mg/dL	BUN mg/dL
1101	78	52	286	0	23.1	89	179	161	0.0	131	24
1102	151	83	245	0	19.9	98	96	179	0.1	122	21
1104	152	89	477	0	26.3	94	102	194	0.1	155	30
1105	82	42	240	0	28.0	103	59	179	0.1	137	20
1112	44	33	177	0	29.9	111	77	192	0.1	146	17
n	5	5	5	5	5	5	5	5	5	5	5
Mean	101	60	285	0	25.4	99	103	181	0.1	138	22
S.D.	48	25	114	0	4.0	8	46	13	0.0	13	5

Animal No.	CRNN mg/dL	Na mmol/L	K mmol/L	Cl mmol/L	Ca mg/dL	P mg/dL	TP g/dL	ALB g/dL
1101	0.37	141	3.2	103	10.7	7.8	6.1	3.3
1102	0.33	142	3.5	104	10.8	7.9	6.3	3.3
1104	0.36	138	3.8	101	11.3	9.4	7.1	3.8
1105	0.32	143	3.3	106	11.2	7.3	6.6	3.5
1112	0.31	143	3.2	107	10.9	4.3	6.9	3.8
n	5	5	5	5	5	5	5	5
Mean	0.34	141	3.4	104	11.0	7.3	6.6	3.5
S.D.	0.03	2	0.3	2	0.3	1.9	0.4	0.3

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

n: Number of dams

Appendix 7 - 6 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Blood chemistry Stage : End of lactation (F0 dams)

Sex : Female Dose : EHOEE 100 mg/kg Species : Rat

Animal No.	AST IU/L	ALT IU/L	ALP IU/L	γ-GTP IU/L	T-BA μmol/L	T-CHO mg/dL	TG mg/dL	PL mg/dL	T-BIL mg/dL	GLU mg/dL	BUN mg/dL
2101	78	80	533	1	15.4	118	146	210	0.0	117	22
2102	109	82	616	0	17.6	116	253	226	0.1	142	23
2105	106	91	372	0	100.1	95	108	172	0.1	131	32
2110	101	74	649	1	34.3	108	62	183	0.1	165	18
2111	248	110	421	1	94.3	115	75	229	0.1	132	23
n	5	5	5	5	5	5	5	5	5	5	5
Mean	128	87	518	1	52.3	110	129	204	0.1	137	24
S.D.	68	14	120	1	41.6	9	77	26	0.0	18	5

Animal No.	CRNN mg/dL	Na mmol/L	K mmol/L	Cl mmol/L	Ca mg/dL	P mg/dL	TP g/dL	ALB g/dL
2101	0.33	145	3.3	105	10.6	8.7	6.3	3.3
2102	0.31	140	3.2	100	11.3	9.0	6.7	3.4
2105	0.41	139	3.5	100	11.0	10.0	5.9	3.0
2110	0.35	139	3.2	99	10.6	9.1	6.7	3.5
2111	0.42	142	3.3	101	11.8	10.8	7.2	3.8
n	5	5	5	5	5	5	5	5
Mean	0.36	141	3.3	101	11.1	9.5	6.6	3.4
S.D.	0.05	3	0.1	2	0.5	0.9	0.5	0.3

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

n: Number of dams

Appendix 7 - 7 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Blood chemistry Stage : End of lactation (F0 dams)

Sex : Female Dose : EHOEE 300 mg/kg Species : Rat

Animal No.	AST IU/L	ALT IU/L	ALP IU/L	γ-GTP IU/L	T-BA μmol/L	T-CHO mg/dL	TG mg/dL	PL mg/dL	T-BIL mg/dL	GLU mg/dL	BUN mg/dL
3101	101	76	288	0	36.9	110	80	204	0.1	136	34
3104	89	65	437	2	76.6	87	129	167	0.1	142	17
3107	245	134	323	0	123.8	99	62	174	0.1	123	30
3110	78	54	278	1	42.3	102	93	172	0.0	170	21
3111	133	83	426	1	25.2	99	74	171	0.1	122	19
n	5	5	5	5	5	5	5	5	5	5	5
Mean	129	82	350	1	61.0	99	88	178	0.1	139	24
S.D.	68	31	76	1	40.0	8	26	15	0.0	20	7

Animal No.	CRNN mg/dL	Na mmol/L	K mmol/L	Cl mmol/L	Ca mg/dL	P mg/dL	TP g/dL	ALB g/dL
3101	0.43	141	3.5	102	10.8	9.9	6.4	3.1
3104	0.30	144	2.9	102	10.6	7.6	6.2	3.2
3107	0.36	141	3.8	101	11.7	9.6	6.7	3.4
3110	0.32	143	3.7	103	11.1	7.4	6.5	3.4
3111	0.33	145	2.8	105	10.9	7.6	6.8	3.5
n	5	5	5	5	5	5	5	5
Mean	0.35	143	3.3	103	11.0	8.4	6.5	3.3
S.D.	0.05	2	0.5	2	0.4	1.2	0.2	0.2

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

n: Number of dams

Appendix 7 - 8 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Blood chemistry Stage : End of lactation (F0 dams)

Sex : Female Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	AST IU/L	ALT IU/L	ALP IU/L	γ-GTP IU/L	T-BA μmol/L	T-CHO mg/dL	TG mg/dL	PL mg/dL	T-BIL mg/dL	GLU mg/dL	BUN mg/dL
4101	106	89	602	1	28.8	103	212	208	0.0	121	33
4102	258	144	463	1	70.1	98	95	209	0.1	123	33
4103	93	79	335	1	43.2	138	132	230	0.0	121	22
4104	152	86	244	1	13.5	92	87	187	0.0	122	35
4106	86	68	329	0	50.0	102	122	184	0.0	130	25
n	5	5	5	5	5	5	5	5	5	5	5
Mean	139	93	395	1	41.1	107	130	204	0.0	123	30
S.D.	71	30	140	0	21.4	18	50	19	0.0	4	6

Animal No.	CRNN mg/dL	Na mmol/L	K mmol/L	Cl mmol/L	Ca mg/dL	P mg/dL	TP g/dL	ALB g/dL
4101	0.50	139	3.3	96	11.8	10.1	6.6	3.4
4102	0.46	138	4.0	100	12.1	10.2	7.1	3.5
4103	0.33	144	3.0	100	11.0	8.7	6.4	3.3
4104	0.39	143	3.5	102	12.0	8.2	6.5	3.5
4106	0.36	141	3.3	101	11.3	8.4	6.7	3.6
n	5	5	5	5	5	5	5	5
Mean	0.41	141	3.4	100	11.6	9.1	6.7	3.5
S.D.	0.07	3	0.4	2	0.5	1.0	0.3	0.1

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

n: Number of dams

Appendix 7 - 9 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Blood chemistry Stage : End of administration (non-mating group)

Sex : Female Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	AST IU/L	ALT IU/L	ALP IU/L	γ-GTP IU/L	T-BA μmol/L	T-CHO mg/dL	TG mg/dL	PL mg/dL	T-BIL mg/dL	GLU mg/dL	BUN mg/dL
5101	59	37	303	0	45.8	70	13	131	0.1	138	16
5102	51	31	198	0	29.3	79	24	150	0.1	173	16
5103	48	25	265	0	25.6	70	36	146	0.1	137	18
5104	57	23	243	1	16.8	70	17	135	0.1	149	15
5105	55	24	314	0	46.1	85	19	160	0.1	152	17
n	5	5	5	5	5	5	5	5	5	5	5
Mean	54	28	265	0	32.7	75	22	144	0.1	150	16
S.D.	4	6	47	0	12.9	7	9	12	0.0	15	1

Animal No.	CRNN mg/dL	Na mmol/L	K mmol/L	Cl mmol/L	Ca mg/dL	P mg/dL	TP g/dL	ALB g/dL
5101	0.38	143	3.1	107	10.1	3.8	6.5	3.4
5102	0.34	143	3.4	107	10.8	4.1	6.9	4.0
5103	0.30	144	3.4	111	10.5	3.5	6.5	3.9
5104	0.37	143	3.3	108	10.4	3.8	6.7	3.7
5105	0.33	143	3.2	108	10.7	3.9	6.8	3.8
n	5	5	5	5	5	5	5	5
Mean	0.34	143	3.3	108	10.5	3.8	6.7	3.8
S.D.	0.03	0	0.1	2	0.3	0.2	0.2	0.2

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

n: Number of animals

Appendix 7 - 10 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Blood chemistry Stage : End of administration (non-mating group)

Sex : Female Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	AST IU/L	ALT IU/L	ALP IU/L	γ-GTP IU/L	T-BA μmol/L	T-CHO mg/dL	TG mg/dL	PL mg/dL	T-BIL mg/dL	GLU mg/dL	BUN mg/dL
6101	50	33	159	1	13.2	84	19	149	0.1	156	14
6102	43	26	227	1	26.8	79	24	145	0.0	144	14
6103	60	44	497	1	38.3	105	33	181	0.1	111	20
6104	57	50	302	1	40.0	88	24	156	0.1	130	15
6105	46	35	254	1	22.6	71	23	138	0.1	182	12
n	5	5	5	5	5	5	5	5	5	5	5
Mean	51	38	288	1	28.2	85	25	154	0.1	145	15
S.D.	7	9	128	0	11.2	13	5	17	0.0	27	3

Animal No.	CRNN mg/dL	Na mmol/L	K mmol/L	Cl mmol/L	Ca mg/dL	P mg/dL	TP g/dL	ALB g/dL
6101	0.38	143	3.4	109	10.7	2.9	7.2	3.9
6102	0.34	141	3.1	107	10.6	3.7	7.0	3.9
6103	0.40	141	3.4	108	10.6	4.8	6.7	3.9
6104	0.36	142	3.3	107	10.9	3.4	6.9	3.8
6105	0.30	144	3.1	109	10.8	3.8	7.0	4.1
n	5	5	5	5	5	5	5	5
Mean	0.36	142	3.3	108	10.7	3.7	7.0	3.9
S.D.	0.04	1	0.2	1	0.1	0.7	0.2	0.1

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Appendix 7 - 11 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Blood chemistry Stage : End of recovery

Sex : Male Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	AST IU/L	ALT IU/L	ALP IU/L	γ-GTP IU/L	T-BA μmol/L	T-CHO mg/dL	TG mg/dL	PL mg/dL	T-BIL mg/dL	GLU mg/dL	BUN mg/dL
1008	63	35	294	0	11.4	56	60	86	0.1	145	12
1009	54	27	418	0	8.2	63	59	98	0.1	191	17
1010	59	28	332	0	27.6	89	63	128	0.1	165	20
1011	64	28	367	0	29.1	66	79	102	0.1	127	15
1012	56	32	212	0	29.3	87	58	120	0.1	146	15
n	5	5	5	5	5	5	5	5	5	5	5
Mean	59	30	325	0	21.1	72	64	107	0.1	155	16
S.D.	4	3	78	0	10.4	15	9	17	0.0	24	3

Animal No.	CRNN mg/dL	Na mmol/L	K mmol/L	Cl mmol/L	Ca mg/dL	P mg/dL	TP g/dL	ALB g/dL
1008	0.33	146	3.8	109	10.1	5.2	6.1	3.2
1009	0.27	143	4.1	105	10.3	5.4	6.5	3.1
1010	0.33	144	3.8	106	10.8	5.9	6.6	3.1
1011	0.26	146	3.9	105	10.6	6.9	6.5	3.2
1012	0.25	145	3.9	106	11.0	5.9	6.6	3.2
n	5	5	5	5	5	5	5	5
Mean	0.29	145	3.9	106	10.6	5.9	6.5	3.2
S.D.	0.04	1	0.1	2	0.4	0.7	0.2	0.1

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Appendix 7 - 12 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Blood chemistry Stage : End of recovery

Sex : Male Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	AST IU/L	ALT IU/L	ALP IU/L	γ-GTP IU/L	T-BA μmol/L	T-CHO mg/dL	TG mg/dL	PL mg/dL	T-BIL mg/dL	GLU mg/dL	BUN mg/dL
4008	59	37	240	0	26.9	58	40	91	0.1	145	23
4009	53	34	444	0	8.1	68	42	103	0.1	123	22
4010	69	39	301	0	10.3	66	79	105	0.1	161	20
4011	53	33	290	1	17.9	88	85	117	0.1	126	19
4012	57	36	269	0	24.5	59	103	110	0.1	150	21
n	5	5	5	5	5	5	5	5	5	5	5
Mean	58	36	309	0	17.5	68	70	105	0.1	141	21
S.D.	7	2	79	0	8.3	12	28	10	0.0	16	2

Animal No.	CRNN mg/dL	Na mmol/L	K mmol/L	Cl mmol/L	Ca mg/dL	P mg/dL	TP g/dL	ALB g/dL
4008	0.38	144	3.9	106	10.3	5.4	6.2	3.2
4009	0.35	145	3.8	108	10.3	5.5	6.4	3.4
4010	0.29	145	3.8	106	10.5	6.2	6.6	3.2
4011	0.30	144	3.5	107	10.5	5.5	6.8	3.3
4012	0.25	145	3.9	104	10.6	6.9	6.5	3.3
n	5	5	5	5	5	5	5	5
Mean	0.31	145	3.8	106	10.4	5.9	6.5	3.3
S.D.	0.05	1	0.2	1	0.1	0.6	0.2	0.1

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

n: Number of animals

Appendix 7 - 13 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Blood chemistry Stage : End of recovery (non-mating group)

Sex : Female Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	AST IU/L	ALT IU/L	ALP IU/L	γ-GTP IU/L	T-BA μmol/L	T-CHO mg/dL	TG mg/dL	PL mg/dL	T-BIL mg/dL	GLU mg/dL	BUN mg/dL
5106	52	26	170	0	11.5	82	27	147	0.1	120	16
5107	51	32	156	0	42.3	56	66	119	0.1	113	18
5108	60	33	205	0	46.1	87	23	163	0.1	158	21
5109	53	28	231	0	18.9	85	33	151	0.1	145	16
5110	50	30	229	0	16.3	71	37	136	0.1	153	13
n	5	5	5	5	5	5	5	5	5	5	5
Mean	53	30	198	0	27.0	76	37	143	0.1	138	17
S.D.	4	3	34	0	16.0	13	17	17	0.0	20	3

Animal No.	CRNN mg/dL	Na mmol/L	K mmol/L	Cl mmol/L	Ca mg/dL	P mg/dL	TP g/dL	ALB g/dL
5106	0.32	143	3.6	107	10.4	4.3	6.7	3.9
5107	0.36	142	3.9	108	10.2	4.0	6.4	3.4
5108	0.36	141	3.9	108	10.5	3.4	7.0	3.7
5109	0.31	143	3.3	109	10.6	3.0	6.8	4.0
5110	0.28	144	3.4	110	10.0	2.7	6.7	3.6
n	5	5	5	5	5	5	5	5
Mean	0.33	143	3.6	108	10.3	3.5	6.7	3.7
S.D.	0.03	1	0.3	1	0.2	0.7	0.2	0.2

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

n: Number of animals

Appendix 7 - 14 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Blood chemistry Stage : End of recovery (non-mating group)

Sex : Female Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	AST IU/L	ALT IU/L	ALP IU/L	γ-GTP IU/L	T-BA μmol/L	T-CHO mg/dL	TG mg/dL	PL mg/dL	T-BIL mg/dL	GLU mg/dL	BUN mg/dL
6106	61	31	122	0	15.4	82	35	150	0.1	138	19
6107	46	24	196	0	19.2	78	28	142	0.1	120	18
6108	59	27	159	0	55.6	83	25	156	0.1	126	28
6109	48	31	103	1	21.9	74	32	146	0.1	121	21
6110	55	26	158	1	16.8	72	18	132	0.1	132	19
n	5	5	5	5	5	5	5	5	5	5	5
Mean	54	28	148	0	25.8	78	28	145	0.1	127	21
S.D.	7	3	36	1	16.9	5	7	9	0.0	8	4

Animal No.	CRNN mg/dL	Na mmol/L	K mmol/L	Cl mmol/L	Ca mg/dL	P mg/dL	TP g/dL	ALB g/dL
6106	0.37	142	3.4	104	10.3	4.5	7.0	3.7
6107	0.33	142	3.6	104	10.6	4.5	6.9	3.9
6108	0.39	143	3.4	107	10.1	3.8	6.9	3.8
6109	0.35	143	3.4	108	10.1	2.4	6.6	3.8
6110	0.33	144	3.6	109	10.3	4.3	6.5	3.5
n	5	5	5	5	5	5	5	5
Mean	0.35	143	3.5	106	10.3	3.9	6.8	3.7
S.D.	0.03	1	0.1	2	0.2	0.9	0.2	0.2

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

n: Number of animals

Appendix 8 - 1 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Organ weight Stage : End of administration

Sex : Male Dose : EHOEE 0 mg/kg Species : Rat

	Body weight	Brain		Thyroid-RL		Adrenal-RL		Thymus	
		AB	RE	AB	RE	AB	RE	AB	RE
Animal No.	g	g	g/100g	mg	mg/100g	mg	mg/100g	mg	mg/100g
1001	568	2.23	0.39	18.0	3.2	56	9.9	265	47
1002	578	2.26	0.39	27.6	4.8	57	9.9	362	63
1003	549	2.20	0.40	22.4	4.1	57	10.4	236	43
1004	564	2.21	0.39	20.7	3.7	59	10.5	386	68
1005	576	2.29	0.40	36.5	6.3	57	9.9	384	67
1006	610	2.35	0.39	34.4	5.6	55	9.0	430	70
1007	518	2.30	0.44	19.0	3.7	58	11.2	276	53
n	7	7	7	7	7	7	7	7	7
Mean	566	2.26	0.40	25.5	4.5	57	10.1	334	59
S.D.	28	0.05	0.02	7.5	1.1	1	0.7	74	11

	Spleen		Heart		Liver		Kidney-RL		Testis-RL	
	AB	RE	AB	RE	AB	RE	AB	RE	AB	RE
Animal No.	g	g/100g	g	g/100g	g	g/100g	g	g/100g	g	g/100g
1001	0.73	0.13	1.48	0.26	15.19	2.67	3.15	0.55	3.46	0.61
1002	0.83	0.14	1.45	0.25	17.66	3.06	3.79	0.66	3.48	0.60
1003	0.72	0.13	1.57	0.29	16.38	2.98	3.59	0.65	3.87	0.70
1004	1.01	0.18	1.57	0.28	15.30	2.71	4.00	0.71	3.49	0.62
1005	0.84	0.15	1.65	0.29	16.35	2.84	3.95	0.69	3.28	0.57
1006	0.89	0.15	1.61	0.26	17.54	2.88	3.43	0.56	3.41	0.56
1007	0.72	0.14	1.38	0.27	15.02	2.90	3.81	0.74	3.56	0.69
n	7	7	7	7	7	7	7	7	7	7
Mean	0.82	0.15	1.53	0.27	16.21	2.86	3.67	0.65	3.51	0.62
S.D.	0.11	0.02	0.10	0.02	1.10	0.14	0.30	0.07	0.18	0.05

	Epididymis-RL		Prostate		Seminal vesicle		LABC		Cowper's gland-RL	
	AB	RE	AB	RE	AB	RE	AB	RE	AB	RE
Animal No.	mg	mg/100g	g	g/100g	g	g/100g	g	g/100g	mg	mg/100g
1001	1345	237	1.24	0.22	1.95	0.34	1.50	0.26	144.1	25.4
1002	1304	226	1.43	0.25	1.64	0.28	1.57	0.27	144.4	25.0
1003	1417	258	1.43	0.26	1.78	0.32	1.73	0.32	119.4	21.7
1004	1262	224	0.75	0.13	1.62	0.29	1.64	0.29	167.9	29.8
1005	1338	232	1.44	0.25	1.59	0.28	1.46	0.25	158.8	27.6
1006	1368	224	1.45	0.24	1.96	0.32	1.73	0.28	161.1	26.4
1007	1330	257	1.40	0.27	1.66	0.32	1.43	0.28	129.1	24.9
n	7	7	7	7	7	7	7	7	7	7
Mean	1338	237	1.31	0.23	1.74	0.31	1.58	0.28	146.4	25.8
S.D.	49	15	0.26	0.05	0.16	0.02	0.12	0.02	17.7	2.5

AB : Absolute weight, RE : Relative weight by body weight
LABC: Levator ani and bulbocavernosus muscle
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Appendix 8 - 2 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Organ weight Stage : End of administration

Sex : Male Dose : EHOEE 0 mg/kg Species : Rat

	Glans penis	
	AB	RE
Animal No.	mg	mg/100g
1001	170.3	30.0
1002	130.7	22.6
1003	112.4	20.5
1004	180.7	32.0
1005	103.6	18.0
1006	129.5	21.2
1007	106.1	20.5
n	7	7
Mean	133.3	23.5
S.D.	30.8	5.3

AB : Absolute weight, RE : Relative weight by body weight
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Appendix 8 - 3 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Organ weight Stage : End of administration

Sex : Male Dose : EHOEE 100 mg/kg Species : Rat

	Body weight	Brain		Thyroid-RL		Adrenal-RL		Thymus	
		AB	RE	AB	RE	AB	RE	AB	RE
Animal No.	g	g	g/100g	mg	mg/100g	mg	mg/100g	mg	mg/100g
2001	537	2.16	0.40	24.0	4.5	66	12.3	222	41
2002	556	2.13	0.38	20.2	3.6	70	12.6	406	73
2003	573	2.17	0.38	24.2	4.2	63	11.0	377	66
2004	573	2.07	0.36	22.3	3.9	54	9.4	466	81
2005	516	2.13	0.41	24.5	4.7	56	10.9	244	47
2006	539	2.22	0.41	30.0	5.6	69	12.8	329	61
2007	558	2.08	0.37	21.5	3.9	58	10.4	433	78
2008	614	2.18	0.36	28.7	4.7	67	10.9	620	101
2009	596	2.11	0.35	24.6	4.1	75	12.6	237	40
2010	563	2.28	0.40	34.2	6.1	67	11.9	387	69
2011	582	2.11	0.36	25.5	4.4	67	11.5	271	47
2012	624	2.13	0.34	24.2	3.9	90	14.4	305	49
n	12	12	12	12	12	12	12	12	12
Mean	569	2.15	0.38	25.3	4.5	67	11.7	358	63
S.D.	32	0.06	0.02	3.9	0.7	10	1.3	116	19

	Spleen		Heart		Liver		Kidney-RL		Testis-RL	
	AB	RE	AB	RE	AB	RE	AB	RE	AB	RE
Animal No.	g	g/100g	g	g/100g	g	g/100g	g	g/100g	g	g/100g
2001	0.71	0.13	1.58	0.29	18.25	3.40	3.74	0.70	4.36	0.81
2002	0.81	0.15	1.58	0.28	15.31	2.75	3.84	0.69	3.70	0.67
2003	0.69	0.12	1.44	0.25	16.83	2.94	3.28	0.57	3.52	0.61
2004	0.88	0.15	1.52	0.27	15.92	2.78	3.90	0.68	3.40	0.59
2005	0.76	0.15	1.48	0.29	15.62	3.03	3.93	0.76	3.28	0.64
2006	0.66	0.12	1.45	0.27	14.91	2.77	3.65	0.68	2.89	0.54
2007	0.80	0.14	1.52	0.27	15.99	2.87	3.50	0.63	3.42	0.61
2008	0.93	0.15	1.66	0.27	17.32	2.82	4.30	0.70	3.36	0.55
2009	0.79	0.13	1.50	0.25	17.31	2.90	4.23	0.71	3.64	0.61
2010	0.81	0.14	1.71	0.30	16.04	2.85	4.02	0.71	3.65	0.65
2011	0.88	0.15	1.53	0.26	18.07	3.10	3.99	0.69	3.44	0.59
2012	1.04	0.17	1.73	0.28	19.83	3.18	4.24	0.68	3.40	0.54
n	12	12	12	12	12	12	12	12	12	12
Mean	0.81	0.14	1.56	0.27	16.78	2.95	3.89	0.68	3.51	0.62
S.D.	0.11	0.01	0.10	0.02	1.43	0.20	0.31	0.05	0.34	0.07

AB : Absolute weight, RE : Relative weight by body weight

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

n: Number of animals

Appendix 8 - 4 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Organ weight Stage : End of administration

Sex : Male Dose : EHOEE 100 mg/kg Species : Rat

	Epididymis-RL		Prostate		Seminal vesicle		LABC		Cowper's gland-RL	
	AB	RE	AB	RE	AB	RE	AB	RE	AB	RE
Animal No.	mg	mg/100g	g	g/100g	g	g/100g	g	g/100g	mg	mg/100g
2001	1473	274	1.54	0.29	1.84	0.34	1.85	0.34	121.9	22.7
2002	1457	262	1.56	0.28	1.93	0.35	1.70	0.31	182.1	32.8
2003	1228	214	1.36	0.24	1.34	0.23	1.41	0.25	113.4	19.8
2004	1245	217	1.34	0.23	1.90	0.33	1.49	0.26	139.1	24.3
2005	1212	235	1.22	0.24	1.90	0.37	1.60	0.31	141.8	27.5
2006	1190	221	1.45	0.27	1.75	0.32	1.61	0.30	130.7	24.2
2007	1303	234	1.29	0.23	1.59	0.28	0.85	0.15	93.0	16.7
2008	1350	220	1.40	0.23	2.05	0.33	1.68	0.27	143.8	23.4
2009	1399	235	1.32	0.22	1.87	0.31	2.14	0.36	177.1	29.7
2010	1464	260	1.44	0.26	1.99	0.35	1.62	0.29	152.5	27.1
2011	1323	227	1.74	0.30	2.19	0.38	1.69	0.29	199.9	34.3
2012	1334	214	1.06	0.17	1.70	0.27	1.50	0.24	127.9	20.5
n	12	12	12	12	12	12	12	12	12	12
Mean	1332	234	1.39	0.25	1.84	0.32	1.60	0.28	143.6	25.3
S.D.	101	20	0.17	0.04	0.22	0.04	0.30	0.05	30.5	5.3

	Glans penis	
	AB	RE
Animal No.	mg	mg/100g
2001	304.5	56.7
2002	93.8	16.9
2003	156.7	27.3
2004	155.3	27.1
2005	121.6	23.6
2006	245.1	45.5
2007	120.6	21.6
2008	109.4	17.8
2009	133.5	22.4
2010	141.5	25.1
2011	152.5	26.2
2012	115.3	18.5
n	12	12
Mean	154.2	27.4
S.D.	60.9	11.9

AB : Absolute weight, RE : Relative weight by body weight
LABC: Levator ani and bulbocavernosus muscle
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Appendix 8 - 5 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Organ weight Stage : End of administration

Sex : Male Dose : EHOEE 300 mg/kg Species : Rat

	Body weight	Brain		Thyroid-RL		Adrenal-RL		Thymus	
		AB	RE	AB	RE	AB	RE	AB	RE
Animal No.	g	g	g/100g	mg	mg/100g	mg	mg/100g	mg	mg/100g
3001	568	2.36	0.42	24.8	4.4	52	9.2	302	53
3002	529	2.19	0.41	22.6	4.3	64	12.1	290	55
3003	599	2.26	0.38	18.4	3.1	64	10.7	438	73
3004	515	2.25	0.44	21.7	4.2	57	11.1	309	60
3005	511	2.16	0.42	17.7	3.5	51	10.0	376	74
3006	581	2.13	0.37	24.8	4.3	65	11.2	231	40
3007	586	2.06	0.35	22.7	3.9	82	14.0	364	62
3008	597	2.14	0.36	28.2	4.7	59	9.9	350	59
3009	660	2.12	0.32	26.7	4.0	74	11.2	303	46
3010	547	2.09	0.38	36.3	6.6	66	12.1	255	47
3011	540	2.18	0.40	22.0	4.1	51	9.4	388	72
3012	563	2.09	0.37	26.6	4.7	55	9.8	359	64
n	12	12	12	12	12	12	12	12	12
Mean	566	2.17	0.39	24.4	4.3	62	10.9	330	59
S.D.	42	0.09	0.03	4.9	0.9	10	1.4	59	11

	Spleen		Heart		Liver		Kidney-RL		Testis-RL	
	AB	RE	AB	RE	AB	RE	AB	RE	AB	RE
Animal No.	g	g/100g	g	g/100g	g	g/100g	g	g/100g	g	g/100g
3001	0.84	0.15	1.54	0.27	18.76	3.30	3.73	0.66	3.02	0.53
3002	0.71	0.13	1.38	0.26	16.19	3.06	3.54	0.67	3.94	0.74
3003	0.96	0.16	1.56	0.26	19.04	3.18	3.88	0.65	3.10	0.52
3004	0.77	0.15	1.34	0.26	15.24	2.96	3.85	0.75	3.69	0.72
3005	0.93	0.18	1.44	0.28	16.68	3.26	3.44	0.67	3.48	0.68
3006	0.87	0.15	1.62	0.28	18.76	3.23	4.44	0.76	3.35	0.58
3007	0.72	0.12	1.51	0.26	15.95	2.72	3.86	0.66	3.30	0.56
3008	0.74	0.12	1.63	0.27	20.54	3.44	4.30	0.72	3.67	0.61
3009	0.89	0.13	1.73	0.26	20.84	3.16	3.78	0.57	3.54	0.54
3010	0.61	0.11	1.47	0.27	14.93	2.73	3.74	0.68	3.69	0.67
3011	0.78	0.14	1.60	0.30	14.73	2.73	3.82	0.71	3.53	0.65
3012	0.89	0.16	1.53	0.27	17.44	3.10	4.09	0.73	3.42	0.61
n	12	12	12	12	12	12	12	12	12	12
Mean	0.81	0.14	1.53	0.27	17.43	3.07	3.87	0.69	3.48	0.62
S.D.	0.10	0.02	0.11	0.01	2.13	0.24	0.29	0.05	0.26	0.07

AB : Absolute weight, RE : Relative weight by body weight

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

n: Number of animals

Appendix 8 - 6 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Organ weight Stage : End of administration

Sex : Male Dose : EHOEE 300 mg/kg Species : Rat

	Epididymis-RL		Prostate		Seminal vesicle		LABC		Cowper's gland-RL	
	AB	RE	AB	RE	AB	RE	AB	RE	AB	RE
Animal No.	mg	mg/100g	g	g/100g	g	g/100g	g	g/100g	mg	mg/100g
3001	1243	219	1.44	0.25	1.79	0.32	1.63	0.29	114.8	20.2
3002	1294	245	1.53	0.29	2.04	0.39	1.51	0.29	100.6	19.0
3003	1228	205	1.13	0.19	1.41	0.24	1.49	0.25	190.0	31.7
3004	1249	243	1.37	0.27	1.77	0.34	1.51	0.29	113.4	22.0
3005	1383	271	1.42	0.28	1.54	0.30	1.57	0.31	138.1	27.0
3006	1336	230	1.55	0.27	1.47	0.25	1.63	0.28	116.3	20.0
3007	1449	247	1.26	0.22	2.02	0.34	1.95	0.33	193.3	33.0
3008	1242	208	1.31	0.22	1.99	0.33	1.39	0.23	100.2	16.8
3009	1382	209	1.60	0.24	1.17	0.18	1.16	0.18	159.6	24.2
3010	1318	241	1.30	0.24	1.71	0.31	1.30	0.24	123.8	22.6
3011	1298	240	1.28	0.24	1.72	0.32	1.68	0.31	159.3	29.5
3012	1325	235	1.58	0.28	1.35	0.24	1.38	0.25	101.6	18.0
n	12	12	12	12	12	12	12	12	12	12
Mean	1312	233	1.40	0.25	1.67	0.30	1.52	0.27	134.3	23.7
S.D.	68	20	0.15	0.03	0.28	0.06	0.20	0.04	33.7	5.5

	Glans penis	
	AB	RE
Animal No.	mg	mg/100g
3001	119.5	21.0
3002	128.8	24.3
3003	178.3	29.8
3004	217.7	42.3
3005	116.9	22.9
3006	104.3	18.0
3007	132.2	22.6
3008	156.9	26.3
3009	146.2	22.2
3010	159.3	29.1
3011	189.5	35.1
3012	95.7	17.0
n	12	12
Mean	145.4	25.9
S.D.	36.5	7.3

AB : Absolute weight, RE : Relative weight by body weight
LABC: Levator ani and bulbocavernosus muscle
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Appendix 8 - 7 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Organ weight Stage : End of administration

Sex : Male Dose : EHOEE 1000 mg/kg Species : Rat

	Body weight	Brain		Thyroid-RL		Adrenal-RL		Thymus	
		AB	RE	AB	RE	AB	RE	AB	RE
Animal No.	g	g	g/100g	mg	mg/100g	mg	mg/100g	mg	mg/100g
4001	573	2.10	0.37	25.4	4.4	65	11.3	490	86
4002	547	2.28	0.42	21.4	3.9	51	9.3	412	75
4003	511	2.14	0.42	18.7	3.7	54	10.6	571	112
4004	496	2.06	0.42	22.3	4.5	74	14.9	318	64
4005	515	2.17	0.42	25.5	5.0	67	13.0	338	66
4006	524	2.25	0.43	23.1	4.4	72	13.7	219	42
4007	547	2.35	0.43	30.8	5.6	56	10.2	337	62
n	7	7	7	7	7	7	7	7	7
Mean	530	2.19	0.42	23.9	4.5	63	11.9	384	72
S.D.	26	0.10	0.02	3.8	0.6	9	2.0	118	22

	Spleen		Heart		Liver		Kidney-RL		Testis-RL	
	AB	RE	AB	RE	AB	RE	AB	RE	AB	RE
Animal No.	g	g/100g	g	g/100g	g	g/100g	g	g/100g	g	g/100g
4001	0.75	0.13	1.62	0.28	18.07	3.15	3.74	0.65	1.92	0.34
4002	0.84	0.15	1.60	0.29	19.21	3.51	4.25	0.78	3.54	0.65
4003	0.78	0.15	1.54	0.30	18.60	3.64	3.70	0.72	3.41	0.67
4004	0.79	0.16	1.37	0.28	16.62	3.35	3.84	0.77	3.59	0.72
4005	0.85	0.17	1.62	0.31	19.51	3.79	4.51	0.88	3.39	0.66
4006	0.84	0.16	1.61	0.31	18.11	3.46	4.20	0.80	3.25	0.62
4007	0.89	0.16	1.54	0.28	22.49	4.11	4.06	0.74	4.02	0.73
n	7	7	7	7	7	7	7	7	7	7
Mean	0.82	0.15	1.56	0.29	18.94	3.57	4.04	0.76	3.30	0.63
S.D.	0.05	0.01	0.09	0.01	1.82	0.31	0.30	0.07	0.66	0.13

	Epididymis-RL		Prostate		Seminal vesicle		LABC		Cowper's gland-RL	
	AB	RE	AB	RE	AB	RE	AB	RE	AB	RE
Animal No.	mg	mg/100g	g	g/100g	g	g/100g	g	g/100g	mg	mg/100g
4001	819	143	1.45	0.25	1.79	0.31	1.80	0.31	202.9	35.4
4002	1357	248	1.44	0.26	1.39	0.25	1.78	0.33	130.9	23.9
4003	1247	244	1.23	0.24	1.25	0.24	1.49	0.29	153.7	30.1
4004	1367	276	1.31	0.26	1.61	0.32	1.58	0.32	164.5	33.2
4005	1240	241	1.09	0.21	1.92	0.37	1.54	0.30	174.7	33.9
4006	1282	245	1.58	0.30	2.12	0.40	1.76	0.34	206.2	39.4
4007	1398	256	1.42	0.26	1.53	0.28	1.34	0.24	169.3	31.0
n	7	7	7	7	7	7	7	7	7	7
Mean	1244	236	1.36	0.25	1.66	0.31	1.61	0.30	171.7	32.4
S.D.	197	43	0.16	0.03	0.30	0.06	0.17	0.03	26.5	4.8

AB : Absolute weight, RE : Relative weight by body weight
LABC: Levator ani and bulbocavernosus muscle
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Appendix 8 - 8 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Organ weight Stage : End of administration

Sex : Male Dose : EHOEE 1000 mg/kg Species : Rat

	Glans penis	
	AB	RE
Animal No.	mg	mg/100g
4001	167.2	29.2
4002	105.6	19.3
4003	90.3	17.7
4004	89.9	18.1
4005	118.9	23.1
4006	184.0	35.1
4007	107.0	19.6
n	7	7
Mean	123.3	23.2
S.D.	37.4	6.6

AB : Absolute weight, RE : Relative weight by body weight

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

n: Number of animals

Appendix 8 - 9 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Organ weight Stage : End of lactation (F0 dams)

Sex : Female Dose : EHOEE 0 mg/kg Species : Rat

	Body weight	Brain		Thyroid-RL		Adrenal-RL		Thymus	
		AB	RE	AB	RE	AB	RE	AB	RE
Animal No.	g	g	g/100g	mg	mg/100g	mg	mg/100g	mg	mg/100g
1101	345	1.85	0.54	22.4	6.5	73	21.2	176	51
1102	356	2.09	0.59	22.4	6.3	75	21.1	285	80
1103	327	1.92	0.59	16.2	5.0	57	17.4	224	69
1104	371	2.02	0.54	19.4	5.2	76	20.5	235	63
1105	328	2.03	0.62	17.8	5.4	72	22.0	107	33
1107	342	1.87	0.55	13.2	3.9	86	25.1	116	34
1108	362	1.90	0.52	17.5	4.8	67	18.5	245	68
1109	332	2.06	0.62	13.3	4.0	87	26.2	177	53
1110	321	2.02	0.63	18.9	5.9	72	22.4	245	76
1111	294	2.01	0.68	13.8	4.7	52	17.7	158	54
1112	339	2.03	0.60	17.1	5.0	60	17.7	321	95
n	11	11	11	11	11	11	11	11	11
Mean	338	1.98	0.59	17.5	5.2	71	20.9	208	61
S.D.	21	0.08	0.05	3.2	0.8	11	3.0	68	19

	Spleen		Heart		Liver		Kidney-RL		Ovary-RL	
	AB	RE	AB	RE	AB	RE	AB	RE	AB	RE
Animal No.	g	g/100g	g	g/100g	g	g/100g	g	g/100g	mg	mg/100g
1101	0.58	0.17	1.15	0.33	11.54	3.34	1.91	0.55	109.6	31.8
1102	0.65	0.18	1.17	0.33	12.10	3.40	2.42	0.68	111.3	31.3
1103	0.52	0.16	1.12	0.34	10.51	3.21	2.06	0.63	82.6	25.3
1104	0.69	0.19	1.20	0.32	13.01	3.51	2.78	0.75	114.0	30.7
1105	0.62	0.19	1.05	0.32	11.45	3.49	2.18	0.66	101.1	30.8
1107	0.51	0.15	1.02	0.30	11.72	3.43	2.28	0.67	103.4	30.2
1108	0.64	0.18	1.17	0.32	12.92	3.57	2.49	0.69	88.2	24.4
1109	0.49	0.15	1.09	0.33	11.92	3.59	2.11	0.64	102.9	31.0
1110	0.54	0.17	0.99	0.31	10.55	3.29	1.96	0.61	79.4	24.7
1111	0.38	0.13	1.09	0.37	9.24	3.14	1.81	0.62	79.0	26.9
1112	0.62	0.18	1.17	0.35	11.59	3.42	2.15	0.63	90.2	26.6
n	11	11	11	11	11	11	11	11	11	11
Mean	0.57	0.17	1.11	0.33	11.50	3.40	2.20	0.65	96.5	28.5
S.D.	0.09	0.02	0.07	0.02	1.09	0.14	0.28	0.05	13.1	2.9

AB : Absolute weight, RE : Relative weight by body weight

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

n: Number of dams

Appendix 8 - 10 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Organ weight Stage : End of lactation (F0 dams)

Sex : Female Dose : EHOEE 0 mg/kg Species : Rat

	Uterus	
	AB	RE
Animal No.	mg	mg/100g
1101	575	167
1102	535	150
1103	516	158
1104	585	158
1105	746	227
1107	644	188
1108	643	178
1109	660	199
1110	495	154
1111	472	161
1112	584	172
n	11	11
Mean	587	174
S.D.	82	23

AB : Absolute weight, RE : Relative weight by body weight

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

n: Number of dams

Appendix 8 - 11 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Organ weight Stage : End of lactation (F0 dams)

Sex : Female Dose : EHOEE 100 mg/kg Species : Rat

	Body weight	Brain		Thyroid-RL		Adrenal-RL		Thymus	
		AB	RE	AB	RE	AB	RE	AB	RE
Animal No.	g	g	g/100g	mg	mg/100g	mg	mg/100g	mg	mg/100g
2101	333	2.01	0.60	15.0	4.5	61	18.3	140	42
2102	387	1.90	0.49	16.4	4.2	73	18.9	311	80
2103	329	1.94	0.59	21.0	6.4	84	25.5	220	67
2104	325	2.00	0.62	13.7	4.2	69	21.2	203	62
2105	365	2.04	0.56	15.7	4.3	69	18.9	232	64
2106	311	2.04	0.66	20.2	6.5	62	19.9	187	60
2107	349	2.03	0.58	15.8	4.5	72	20.6	247	71
2108	345	2.05	0.59	14.7	4.3	82	23.8	178	52
2109	343	2.08	0.61	15.8	4.6	71	20.7	290	85
2110	337	2.02	0.60	14.2	4.2	64	19.0	186	55
2111	364	1.97	0.54	14.7	4.0	82	22.5	236	65
2112	336	1.85	0.55	13.5	4.0	75	22.3	286	85
n	12	12	12	12	12	12	12	12	12
Mean	344	1.99	0.58	15.9	4.6	72	21.0	226	66
S.D.	21	0.07	0.04	2.4	0.9	8	2.2	51	13

	Spleen		Heart		Liver		Kidney-RL		Ovary-RL	
	AB	RE	AB	RE	AB	RE	AB	RE	AB	RE
Animal No.	g	g/100g	g	g/100g	g	g/100g	g	g/100g	mg	mg/100g
2101	0.56	0.17	1.05	0.32	11.32	3.40	2.07	0.62	83.7	25.1
2102	0.55	0.14	1.17	0.30	14.20	3.67	2.53	0.65	110.2	28.5
2103	0.58	0.18	1.02	0.31	10.97	3.33	2.25	0.68	71.8	21.8
2104	0.47	0.14	1.21	0.37	10.51	3.23	2.22	0.68	85.5	26.3
2105	0.55	0.15	1.21	0.33	11.85	3.25	2.43	0.67	99.6	27.3
2106	0.46	0.15	1.10	0.35	12.11	3.89	2.24	0.72	93.6	30.1
2107	0.60	0.17	1.25	0.36	12.79	3.66	2.51	0.72	107.3	30.7
2108	0.59	0.17	1.10	0.32	13.70	3.97	2.45	0.71	83.6	24.2
2109	0.49	0.14	1.08	0.31	13.12	3.83	2.16	0.63	108.3	31.6
2110	0.46	0.14	1.02	0.30	12.07	3.58	2.21	0.66	85.5	25.4
2111	0.52	0.14	1.12	0.31	13.03	3.58	2.74	0.75	81.0	22.3
2112	0.59	0.18	1.05	0.31	12.28	3.65	2.39	0.71	91.1	27.1
n	12	12	12	12	12	12	12	12	12	12
Mean	0.54	0.16	1.12	0.32	12.33	3.59	2.35	0.68	91.8	26.7
S.D.	0.05	0.02	0.08	0.02	1.10	0.24	0.19	0.04	12.2	3.2

AB : Absolute weight, RE : Relative weight by body weight

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

n: Number of dams

Appendix 8 - 12 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Organ weight Stage : End of lactation (F0 dams)

Sex : Female Dose : EHOEE 100 mg/kg Species : Rat

	Uterus	
	AB	RE
Animal No.	mg	mg/100g
2101	479	144
2102	578	149
2103	442	134
2104	576	177
2105	608	167
2106	495	159
2107	583	167
2108	611	177
2109	521	152
2110	615	182
2111	557	153
2112	646	192
n	12	12
Mean	559	163
S.D.	62	17

AB : Absolute weight, RE : Relative weight by body weight

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

n: Number of dams

Appendix 8 - 13 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Organ weight Stage : End of lactation (F0 dams)

Sex : Female Dose : EHOEE 300 mg/kg Species : Rat

	Body weight	Brain		Thyroid-RL		Adrenal-RL		Thymus	
		AB	RE	AB	RE	AB	RE	AB	RE
Animal No.	g	g	g/100g	mg	mg/100g	mg	mg/100g	mg	mg/100g
3101	341	2.02	0.59	18.8	5.5	76	22.3	186	55
3102	338	2.02	0.60	15.5	4.6	64	18.9	211	62
3103	309	2.11	0.68	17.2	5.6	87	28.2	239	77
3104	369	2.02	0.55	17.0	4.6	85	23.0	190	51
3105	345	1.83	0.53	17.1	5.0	83	24.1	329	95
3106	318	1.92	0.60	11.2	3.5	85	26.7	166	52
3107	337	1.92	0.57	22.0	6.5	79	23.4	219	65
3108	344	2.16	0.63	21.6	6.3	90	26.2	224	65
3109	328	1.88	0.57	16.6	5.1	67	20.4	176	54
3110	335	2.03	0.61	16.0	4.8	94	28.1	288	86
3111	373	1.96	0.53	16.4	4.4	87	23.3	236	63
3112	386	1.84	0.48	20.9	5.4	84	21.8	231	60
n	12	12	12	12	12	12	12	12	12
Mean	344	1.98	0.58	17.5	5.1	82	23.9	225	65
S.D.	22	0.10	0.05	3.0	0.8	9	2.9	47	14

	Spleen		Heart		Liver		Kidney-RL		Ovary-RL	
	AB	RE	AB	RE	AB	RE	AB	RE	AB	RE
Animal No.	g	g/100g	g	g/100g	g	g/100g	g	g/100g	mg	mg/100g
3101	0.67	0.20	1.37	0.40	13.51	3.96	2.21	0.65	93.7	27.5
3102	0.61	0.18	1.18	0.35	12.26	3.63	2.34	0.69	106.2	31.4
3103	0.69	0.22	1.05	0.34	10.65	3.45	2.10	0.68	83.4	27.0
3104	0.53	0.14	1.15	0.31	13.71	3.72	2.59	0.70	113.0	30.6
3105	0.66	0.19	1.15	0.33	13.70	3.97	2.19	0.63	129.0	37.4
3106	0.50	0.16	1.02	0.32	12.72	4.00	2.44	0.77	91.2	28.7
3107	0.50	0.15	1.14	0.34	12.77	3.79	2.66	0.79	99.3	29.5
3108	0.58	0.17	1.16	0.34	12.31	3.58	2.34	0.68	104.5	30.4
3109	0.49	0.15	1.03	0.31	12.52	3.82	2.20	0.67	92.2	28.1
3110	0.61	0.18	1.10	0.33	15.04	4.49	2.30	0.69	107.9	32.2
3111	0.89	0.24	1.31	0.35	13.82	3.71	2.80	0.75	114.1	30.6
3112	0.61	0.16	1.18	0.31	14.33	3.71	2.64	0.68	94.6	24.5
n	12	12	12	12	12	12	12	12	12	12
Mean	0.61	0.18	1.15	0.34	13.11	3.82	2.40	0.70	102.4	29.8
S.D.	0.11	0.03	0.10	0.03	1.15	0.27	0.22	0.05	12.6	3.2

AB : Absolute weight, RE : Relative weight by body weight

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

n: Number of dams

Appendix 8 - 14 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Organ weight Stage : End of lactation (F0 dams)

Sex : Female Dose : EHOEE 300 mg/kg Species : Rat

	Uterus	
	AB	RE
Animal No.	mg	mg/100g
3101	542	159
3102	471	139
3103	500	162
3104	607	164
3105	538	156
3106	580	182
3107	587	174
3108	450	131
3109	576	176
3110	599	179
3111	610	164
3112	646	167
n	12	12
Mean	559	163
S.D.	60	15

AB : Absolute weight, RE : Relative weight by body weight
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams

Appendix 8 - 15 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Organ weight Stage : End of lactation (F0 dams)

Sex : Female Dose : EHOEE 1000 mg/kg Species : Rat

	Body weight	Brain		Thyroid-RL		Adrenal-RL		Thymus	
		AB	RE	AB	RE	AB	RE	AB	RE
Animal No.	g	g	g/100g	mg	mg/100g	mg	mg/100g	mg	mg/100g
4101	317	1.92	0.61	17.2	5.4	85	26.8	170	54
4102	356	2.07	0.58	17.2	4.8	78	21.9	210	59
4103	322	2.06	0.64	17.8	5.5	102	31.7	251	78
4104	318	2.04	0.64	18.2	5.7	93	29.2	175	55
4105	298	1.99	0.67	14.4	4.8	68	22.8	113	38
4106	335	1.88	0.56	20.5	6.1	70	20.9	272	81
4107	340	2.06	0.61	17.3	5.1	78	22.9	201	59
4108	365	2.13	0.58	18.4	5.0	84	23.0	270	74
4109	315	2.03	0.64	13.6	4.3	72	22.9	259	82
4110	340	1.93	0.57	16.5	4.9	74	21.8	188	55
4111	327	1.94	0.59	19.3	5.9	82	25.1	300	92
4112	344	2.12	0.62	23.1	6.7	76	22.1	255	74
n	12	12	12	12	12	12	12	12	12
Mean	331	2.01	0.61	17.8	5.4	80	24.3	222	67
S.D.	19	0.08	0.03	2.5	0.7	10	3.3	55	16

	Spleen		Heart		Liver		Kidney-RL		Ovary-RL	
	AB	RE	AB	RE	AB	RE	AB	RE	AB	RE
Animal No.	g	g/100g	g	g/100g	g	g/100g	g	g/100g	mg	mg/100g
4101	0.47	0.15	1.19	0.38	14.07	4.44	2.30	0.73	93.1	29.4
4102	0.52	0.15	1.05	0.29	14.43	4.05	2.14	0.60	92.5	26.0
4103	0.58	0.18	1.14	0.35	13.58	4.22	2.42	0.75	94.4	29.3
4104	0.57	0.18	1.03	0.32	13.54	4.26	2.68	0.84	90.2	28.4
4105	0.56	0.19	1.04	0.35	13.53	4.54	2.46	0.83	75.8	25.4
4106	0.57	0.17	1.07	0.32	14.10	4.21	2.29	0.68	104.3	31.1
4107	0.62	0.18	1.06	0.31	14.46	4.25	2.44	0.72	83.6	24.6
4108	0.77	0.21	1.18	0.32	15.86	4.35	2.71	0.74	111.4	30.5
4109	0.63	0.20	1.10	0.35	15.16	4.81	2.31	0.73	77.8	24.7
4110	0.66	0.19	1.11	0.33	14.93	4.39	2.52	0.74	106.4	31.3
4111	0.64	0.20	1.10	0.34	13.65	4.17	2.46	0.75	90.8	27.8
4112	0.61	0.18	1.12	0.33	15.85	4.61	2.43	0.71	101.7	29.6
n	12	12	12	12	12	12	12	12	12	12
Mean	0.60	0.18	1.10	0.33	14.43	4.36	2.43	0.74	93.5	28.2
S.D.	0.08	0.02	0.05	0.02	0.85	0.21	0.16	0.06	11.1	2.4

AB : Absolute weight, RE : Relative weight by body weight

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

n: Number of dams

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Organ weight

Stage : End of lactation (F0 dams)

Sex : Female

Dose : EHOEE 1000 mg/kg

Species : Rat

	Uterus	
	AB	RE
Animal No.	mg	mg/100g
4101	361	114
4102	568	160
4103	438	136
4104	357	112
4105	494	166
4106	573	171
4107	550	162
4108	587	161
4109	713	226
4110	502	148
4111	594	182
4112	525	153
n	12	12
Mean	522	158
S.D.	101	30

AB : Absolute weight, RE : Relative weight by body weight

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

n: Number of dams

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Organ weight

Stage : End of administration (non-mating group)

Sex : Female

Dose : EHOEE 0 mg/kg

Species : Rat

	Body weight	Brain		Thyroid-RL		Adrenal-RL		Thymus	
		AB	RE	AB	RE	AB	RE	AB	RE
Animal No.	g	g	g/100g	mg	mg/100g	mg	mg/100g	mg	mg/100g
5101	301	1.98	0.66	13.3	4.4	74	24.6	305	101
5102	278	1.94	0.70	17.2	6.2	76	27.3	191	69
5103	298	2.01	0.67	13.3	4.5	56	18.8	352	118
5104	309	2.08	0.67	23.7	7.7	74	23.9	447	145
5105	297	1.93	0.65	21.1	7.1	78	26.3	345	116
n	5	5	5	5	5	5	5	5	5
Mean	297	1.99	0.67	17.7	6.0	72	24.2	328	110
S.D.	11	0.06	0.02	4.7	1.5	9	3.3	93	28

	Spleen		Heart		Liver		Kidney-RL		Ovary-RL	
	AB	RE	AB	RE	AB	RE	AB	RE	AB	RE
Animal No.	g	g/100g	g	g/100g	g	g/100g	g	g/100g	mg	mg/100g
5101	0.49	0.16	0.84	0.28	7.53	2.50	1.83	0.61	73.3	24.4
5102	0.52	0.19	0.92	0.33	8.58	3.09	1.95	0.70	77.1	27.7
5103	0.52	0.17	0.89	0.30	7.03	2.36	1.94	0.65	70.6	23.7
5104	0.44	0.14	0.93	0.30	6.85	2.22	1.86	0.60	93.1	30.1
5105	0.53	0.18	0.99	0.33	8.57	2.89	1.89	0.64	81.9	27.6
n	5	5	5	5	5	5	5	5	5	5
Mean	0.50	0.17	0.91	0.31	7.71	2.61	1.89	0.64	79.2	26.7
S.D.	0.04	0.02	0.06	0.02	0.83	0.37	0.05	0.04	8.9	2.6

	Uterus	
	AB	RE
Animal No.	mg	mg/100g
5101	480	159
5102	570	205
5103	736	247
5104	559	181
5105	551	186
n	5	5
Mean	579	196
S.D.	94	33

AB : Absolute weight, RE : Relative weight by body weight

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Organ weight
Stage : End of administration (non-mating group)
Sex : Female
Dose : EHOEE 1000 mg/kg
Species : Rat

	Body weight	Brain		Thyroid-RL		Adrenal-RL		Thymus	
		AB	RE	AB	RE	AB	RE	AB	RE
Animal No.	g	g	g/100g	mg	mg/100g	mg	mg/100g	mg	mg/100g
6101	302	2.04	0.68	24.0	7.9	82	27.2	403	133
6102	296	2.05	0.69	22.7	7.7	65	22.0	459	155
6103	300	2.04	0.68	16.3	5.4	59	19.7	378	126
6104	294	1.91	0.65	16.4	5.6	59	20.1	315	107
6105	325	2.00	0.62	20.4	6.3	77	23.7	452	139
n	5	5	5	5	5	5	5	5	5
Mean	303	2.01	0.66	20.0	6.6	68	22.5	401	132
S.D.	12	0.06	0.03	3.5	1.2	11	3.1	59	18

	Spleen		Heart		Liver		Kidney-RL		Ovary-RL	
	AB	RE	AB	RE	AB	RE	AB	RE	AB	RE
Animal No.	g	g/100g	g	g/100g	g	g/100g	g	g/100g	mg	mg/100g
6101	0.61	0.20	0.94	0.31	11.24	3.72	2.04	0.68	78.5	26.0
6102	0.50	0.17	0.90	0.30	12.09	4.08	2.19	0.74	86.9	29.4
6103	0.54	0.18	0.88	0.29	9.45	3.15	1.86	0.62	82.4	27.5
6104	0.59	0.20	0.99	0.34	10.47	3.56	2.09	0.71	72.0	24.5
6105	0.51	0.16	0.99	0.30	11.23	3.46	2.36	0.73	131.4	40.4
n	5	5	5	5	5	5	5	5	5	5
Mean	0.55	0.18	0.94	0.31	10.90	3.59	2.11	0.70	90.2	29.6
S.D.	0.05	0.02	0.05	0.02	0.99	0.34	0.18	0.05	23.7	6.3

	Uterus	
	AB	RE
Animal No.	mg	mg/100g
6101	1056	350
6102	693	234
6103	427	142
6104	444	151
6105	613	189
n	5	5
Mean	647	213
S.D.	255	85

AB : Absolute weight, RE : Relative weight by body weight
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Appendix 8 - 19 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Organ weight Stage : End of recovery

Sex : Male Dose : EHOEE 0 mg/kg Species : Rat

	Body weight	Brain		Thyroid-RL		Adrenal-RL		Thymus	
		AB	RE	AB	RE	AB	RE	AB	RE
Animal No.	g	g	g/100g	mg	mg/100g	mg	mg/100g	mg	mg/100g
1008	547	2.22	0.41	20.5	3.7	51	9.3	213	39
1009	627	2.34	0.37	29.8	4.8	62	9.9	463	74
1010	607	2.13	0.35	21.9	3.6	54	8.9	496	82
1011	643	2.19	0.34	26.5	4.1	70	10.9	275	43
1012	654	2.20	0.34	26.1	4.0	60	9.2	523	80
n	5	5	5	5	5	5	5	5	5
Mean	616	2.22	0.36	25.0	4.0	59	9.6	394	64
S.D.	42	0.08	0.03	3.8	0.5	7	0.8	140	21

	Spleen		Heart		Liver		Kidney-RL		Testis-RL	
	AB	RE	AB	RE	AB	RE	AB	RE	AB	RE
Animal No.	g	g/100g	g	g/100g	g	g/100g	g	g/100g	g	g/100g
1008	0.77	0.14	1.61	0.29	12.70	2.32	3.48	0.64	3.58	0.65
1009	0.87	0.14	1.66	0.26	17.32	2.76	4.27	0.68	3.28	0.52
1010	0.65	0.11	1.58	0.26	16.90	2.78	3.48	0.57	3.36	0.55
1011	0.86	0.13	1.77	0.28	16.83	2.62	4.10	0.64	3.66	0.57
1012	0.84	0.13	1.67	0.26	16.75	2.56	4.82	0.74	3.70	0.57
n	5	5	5	5	5	5	5	5	5	5
Mean	0.80	0.13	1.66	0.27	16.10	2.61	4.03	0.65	3.52	0.57
S.D.	0.09	0.01	0.07	0.01	1.91	0.19	0.57	0.06	0.19	0.05

	Epididymis-RL		Prostate		Seminal vesicle		LABC		Cowper's gland-RL	
	AB	RE	AB	RE	AB	RE	AB	RE	AB	RE
Animal No.	mg	mg/100g	g	g/100g	g	g/100g	g	g/100g	mg	mg/100g
1008	1269	232	1.61	0.29	1.93	0.35	1.75	0.32	131.9	24.1
1009	1387	221	1.79	0.29	1.86	0.30	2.03	0.32	181.2	28.9
1010	1450	239	1.40	0.23	1.29	0.21	1.71	0.28	115.7	19.1
1011	1496	233	1.73	0.27	2.18	0.34	2.01	0.31	149.5	23.3
1012	1525	233	1.56	0.24	1.84	0.28	1.92	0.29	147.1	22.5
n	5	5	5	5	5	5	5	5	5	5
Mean	1425	232	1.62	0.26	1.82	0.30	1.88	0.30	145.1	23.6
S.D.	102	7	0.15	0.03	0.33	0.06	0.15	0.02	24.3	3.5

AB : Absolute weight, RE : Relative weight by body weight
LABC: Levator ani and bulbocavernosus muscle
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Organ weight

Stage : End of recovery

Sex : Male

Dose : EHOEE 0 mg/kg

Species : Rat

	Glans penis	
	AB	RE
Animal No.	mg	mg/100g
1008	107.7	19.7
1009	98.4	15.7
1010	113.7	18.7
1011	90.0	14.0
1012	105.5	16.1
n	5	5
Mean	103.1	16.8
S.D.	9.1	2.3

AB : Absolute weight, RE : Relative weight by body weight
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Appendix 8 - 21 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Organ weight Stage : End of recovery

Sex : Male Dose : EHOEE 1000 mg/kg Species : Rat

	Body weight	Brain		Thyroid-RL		Adrenal-RL		Thymus	
		AB	RE	AB	RE	AB	RE	AB	RE
Animal No.	g	g	g/100g	mg	mg/100g	mg	mg/100g	mg	mg/100g
4008	595	2.24	0.38	26.9	4.5	87	14.6	289	49
4009	530	2.21	0.42	27.1	5.1	72	13.6	348	66
4010	667	2.09	0.31	24.9	3.7	67	10.0	261	39
4011	570	2.28	0.40	30.1	5.3	63	11.1	449	79
4012	554	2.21	0.40	25.3	4.6	72	13.0	216	39
n	5	5	5	5	5	5	5	5	5
Mean	583	2.21	0.38	26.9	4.6	72	12.5	313	54
S.D.	52	0.07	0.04	2.1	0.6	9	1.9	90	18

	Spleen		Heart		Liver		Kidney-RL		Testis-RL	
	AB	RE	AB	RE	AB	RE	AB	RE	AB	RE
Animal No.	g	g/100g	g	g/100g	g	g/100g	g	g/100g	g	g/100g
4008	0.80	0.13	1.49	0.25	14.36	2.41	3.55	0.60	3.65	0.61
4009	0.74	0.14	1.61	0.30	12.94	2.44	3.27	0.62	3.41	0.64
4010	0.71	0.11	1.65	0.25	19.48	2.92	4.33	0.65	3.33	0.50
4011	0.89	0.16	1.68	0.29	15.18	2.66	3.59	0.63	3.74	0.66
4012	0.68	0.12	1.63	0.29	14.47	2.61	3.73	0.67	4.00	0.72
n	5	5	5	5	5	5	5	5	5	5
Mean	0.76	0.13	1.61	0.28	15.29	2.61	3.69	0.63	3.63	0.63
S.D.	0.08	0.02	0.07	0.02	2.48	0.20	0.39	0.03	0.27	0.08

	Epididymis-RL		Prostate		Seminal vesicle		LABC		Cowper's gland-RL	
	AB	RE	AB	RE	AB	RE	AB	RE	AB	RE
Animal No.	mg	mg/100g	g	g/100g	g	g/100g	g	g/100g	mg	mg/100g
4008	1528	257	1.65	0.28	1.77	0.30	1.80	0.30	198.1	33.3
4009	1353	255	1.31	0.25	1.35	0.25	1.80	0.34	126.8	23.9
4010	1267	190	1.28	0.19	1.56	0.23	1.47	0.22	113.4	17.0
4011	1444	253	1.38	0.24	1.70	0.30	1.65	0.29	197.1	34.6
4012	1306	236	1.27	0.23	1.59	0.29	1.59	0.29	136.5	24.6
n	5	5	5	5	5	5	5	5	5	5
Mean	1380	238	1.38	0.24	1.59	0.27	1.66	0.29	154.4	26.7
S.D.	106	28	0.16	0.03	0.16	0.03	0.14	0.04	40.3	7.3

AB : Absolute weight, RE : Relative weight by body weight
LABC: Levator ani and bulbocavernosus muscle
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Organ weight

Stage : End of recovery

Sex : Male

Dose : EHOEE 1000 mg/kg

Species : Rat

	Glans penis	
	AB	RE
Animal No.	mg	mg/100g
4008	110.5	18.6
4009	124.4	23.5
4010	102.8	15.4
4011	125.7	22.1
4012	110.9	20.0
n	5	5
Mean	114.9	19.9
S.D.	9.9	3.2

AB : Absolute weight, RE : Relative weight by body weight
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Organ weight

Stage : End of recovery (non-mating group)

Sex : Female

Dose : EHOEE 0 mg/kg

Species : Rat

	Body weight	Brain		Thyroid-RL		Adrenal-RL		Thymus	
		AB	RE	AB	RE	AB	RE	AB	RE
Animal No.	g	g	g/100g	mg	mg/100g	mg	mg/100g	mg	mg/100g
5106	315	2.00	0.63	17.9	5.7	76	24.1	335	106
5107	287	2.14	0.75	17.1	6.0	66	23.0	232	81
5108	290	1.95	0.67	20.6	7.1	64	22.1	227	78
5109	296	2.04	0.69	21.5	7.3	76	25.7	234	79
5110	305	1.90	0.62	11.6	3.8	67	22.0	346	113
n	5	5	5	5	5	5	5	5	5
Mean	299	2.01	0.67	17.7	6.0	70	23.4	275	91
S.D.	11	0.09	0.05	3.9	1.4	6	1.5	60	17

	Spleen		Heart		Liver		Kidney-RL		Ovary-RL	
	AB	RE	AB	RE	AB	RE	AB	RE	AB	RE
Animal No.	g	g/100g	g	g/100g	g	g/100g	g	g/100g	mg	mg/100g
5106	0.52	0.17	0.87	0.28	7.61	2.42	1.89	0.60	79.4	25.2
5107	0.50	0.17	0.89	0.31	7.06	2.46	1.93	0.67	72.6	25.3
5108	0.40	0.14	0.93	0.32	7.00	2.41	1.84	0.63	77.8	26.8
5109	0.51	0.17	1.00	0.34	7.55	2.55	1.96	0.66	88.8	30.0
5110	0.48	0.16	0.89	0.29	7.44	2.44	1.86	0.61	93.6	30.7
n	5	5	5	5	5	5	5	5	5	5
Mean	0.48	0.16	0.92	0.31	7.33	2.46	1.90	0.63	82.4	27.6
S.D.	0.05	0.01	0.05	0.02	0.28	0.06	0.05	0.03	8.6	2.6

	Uterus	
	AB	RE
Animal No.	mg	mg/100g
5106	491	156
5107	524	183
5108	570	197
5109	519	175
5110	683	224
n	5	5
Mean	557	187
S.D.	76	25

AB : Absolute weight, RE : Relative weight by body weight

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

n: Number of animals

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Organ weight
Sex : Female
Stage : End of recovery (non-mating group)
Dose : EHOEE 1000 mg/kg
Species : Rat

	Body weight	Brain		Thyroid-RL		Adrenal-RL		Thymus	
		AB	RE	AB	RE	AB	RE	AB	RE
Animal No.	g	g	g/100g	mg	mg/100g	mg	mg/100g	mg	mg/100g
6106	288	2.04	0.71	13.0	4.5	68	23.6	277	96
6107	299	1.91	0.64	19.5	6.5	68	22.7	321	107
6108	299	2.04	0.68	19.7	6.6	72	24.1	350	117
6109	325	2.12	0.65	17.6	5.4	59	18.2	212	65
6110	296	2.04	0.69	16.5	5.6	79	26.7	284	96
n	5	5	5	5	5	5	5	5	5
Mean	301	2.03	0.67	17.3	5.7	69	23.1	289	96
S.D.	14	0.08	0.03	2.7	0.9	7	3.1	52	20

	Spleen		Heart		Liver		Kidney-RL		Ovary-RL	
	AB	RE	AB	RE	AB	RE	AB	RE	AB	RE
Animal No.	g	g/100g	g	g/100g	g	g/100g	g	g/100g	mg	mg/100g
6106	0.62	0.22	0.94	0.33	8.02	2.78	1.88	0.65	89.2	31.0
6107	0.53	0.18	0.99	0.33	7.26	2.43	1.84	0.62	70.1	23.4
6108	0.46	0.15	1.23	0.41	7.69	2.57	1.91	0.64	94.6	31.6
6109	0.54	0.17	0.94	0.29	7.57	2.33	2.12	0.65	104.9	32.3
6110	0.59	0.20	0.92	0.31	6.90	2.33	1.95	0.66	85.7	29.0
n	5	5	5	5	5	5	5	5	5	5
Mean	0.55	0.18	1.00	0.33	7.49	2.49	1.94	0.64	88.9	29.5
S.D.	0.06	0.03	0.13	0.05	0.43	0.19	0.11	0.02	12.8	3.6

	Uterus	
	AB	RE
Animal No.	mg	mg/100g
6106	541	188
6107	538	180
6108	840	281
6109	743	229
6110	448	151
n	5	5
Mean	622	206
S.D.	163	50

AB : Absolute weight, RE : Relative weight by body weight
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals

Appendix 9-1(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 1001 Male 0 mg/kg Day 43 End of dosing period

Gross pathology:

All tissues Not remarkable

Histopathology:

Following tissues : Not remarkable

Adrenal, Bone,femur, Bone marrow,femur, Brain(cerebrum,cerebellum,pons
Coagulating gland, Epididymis, Eye, Heart, Intestine,duodenum, Intestine,jejunum
Intestine,ileum, Intestine,cecum, Intestine,colon, Intestine,rectum, Kidney
Lymph node,mesenteric, Lymph node,submandibular, Liver, Lung(bronchus)
Mammary gland,inguinal, Medulla oblongata, Muscle,quadriceps femoris
Optic nerve, Parathyroid, Pancreas, Pituitary, Prostate, Peyer's patch,ileal
Salivary gland,submandibular, Skin,inguinal, Sciatic nerve, Spleen, Stomach
Seminal vesicle, Spinal cord,thoracic, Testis, Thymus, Trachea, Thyroid
Urinary bladder

Appendix 9-2(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 1002 Male 0 mg/kg Day 43 End of dosing period

Gross pathology:

All tissues	Not remarkable

Histopathology:

Heart	Infiltrate,inflammatory cell: minimal left ventricle
Pituitary	Aberrant craniopharyngeal tissue: mild

Following tissues : Not remarkable

Adrenal, Bone,femur, Bone marrow,femur, Brain(cerebrum,cerebellum,pons
Coagulating gland, Epididymis, Eye, Intestine,duodenum, Intestine,jejunum
Intestine,ileum, Intestine,cecum, Intestine,colon, Intestine,rectum, Kidney
Lymph node,mesenteric, Lymph node,submandibular, Liver, Lung(bronchus)
Mammary gland,inguinal, Medulla oblongata, Muscle,quadriceps femoris
Optic nerve, Parathyroid, Pancreas, Prostate, Peyer's patch,ileal
Salivary gland,submandibular, Skin,inguinal, Sciatic nerve, Spleen, Stomach
Seminal vesicle, Spinal cord,thoracic, Testis, Thymus, Trachea, Thyroid
Urinary bladder

Appendix 9-3(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 1003 Male 0 mg/kg Day 43 End of dosing period

Gross pathology:

All tissues Not remarkable

Histopathology:

Following tissues : Not remarkable

Adrenal, Bone,femur, Bone marrow,femur, Brain(cerebrum,cerebellum,pons
Coagulating gland, Epididymis, Eye, Heart, Intestine,duodenum, Intestine,jejunum
Intestine,ileum, Intestine,cecum, Intestine,colon, Intestine,rectum, Kidney
Lymph node,mesenteric, Lymph node,submandibular, Liver, Lung(bronchus)
Mammary gland,inguinal, Medulla oblongata, Muscle,quadriceps femoris
Optic nerve, Parathyroid, Pancreas, Pituitary, Prostate, Peyer's patch,ileal
Salivary gland,submandibular, Skin,inguinal, Sciatic nerve, Spleen, Stomach
Seminal vesicle, Spinal cord,thoracic, Testis, Thymus, Trachea, Thyroid
Urinary bladder

Appendix 9-4(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 1004 Male 0 mg/kg Day 43 End of dosing period

Gross pathology:

All tissues Not remarkable

Histopathology:

Prostate Infiltrate,inflammatory cell,interstitum: minimal

Following tissues : Not remarkable

Adrenal, Bone,femur, Bone marrow,femur, Brain(cerebrum,cerebellum,pons
Coagulating gland, Epididymis, Eye, Heart, Intestine,duodenum, Intestine,jejunum
Intestine,ileum, Intestine,cecum, Intestine,colon, Intestine,rectum, Kidney
Lymph node,mesenteric, Lymph node,submandibular, Liver, Lung(bronchus)
Mammary gland,inguinal, Medulla oblongata, Muscle,quadriceps femoris
Optic nerve, Parathyroid, Pancreas, Pituitary, Peyer's patch,ileal
Salivary gland,submandibular, Skin,inguinal, Sciatic nerve, Spleen, Stomach
Seminal vesicle, Spinal cord,thoracic, Testis, Thymus, Trachea, Thyroid
Urinary bladder

Appendix 9-5(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 1005 Male 0 mg/kg Day 43 End of dosing period

Gross pathology:

All tissues Not remarkable

Histopathology:

Following tissues : Not remarkable

Adrenal, Bone,femur, Bone marrow,femur, Brain(cerebrum,cerebellum,pons
Coagulating gland, Epididymis, Eye, Heart, Intestine,duodenum, Intestine,jejunum
Intestine,ileum, Intestine,cecum, Intestine,colon, Intestine,rectum, Kidney
Lymph node,mesenteric, Lymph node,submandibular, Liver, Lung(bronchus)
Mammary gland,inguinal, Medulla oblongata, Muscle,quadriceps femoris
Optic nerve, Parathyroid, Pancreas, Pituitary, Prostate, Peyer's patch,ileal
Salivary gland,submandibular, Skin,inguinal, Sciatic nerve, Spleen, Stomach
Seminal vesicle, Spinal cord,thoracic, Testis, Thymus, Trachea, Thyroid
Urinary bladder

Appendix 9-6(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 1006 Male 0 mg/kg Day 43 End of dosing period

Gross pathology:

All tissues	Not remarkable

Histopathology:

Heart	Infiltrate,inflammatory cell: minimal left ventricle

Following tissues : Not remarkable

Adrenal, Bone,femur, Bone marrow,femur, Brain(cerebrum,cerebellum,pons
Coagulating gland, Epididymis, Eye, Intestine,duodenum, Intestine,jejunum
Intestine,ileum, Intestine,cecum, Intestine,colon, Intestine,rectum, Kidney
Lymph node,mesenteric, Lymph node,submandibular, Liver, Lung(bronchus)
Mammary gland,inguinal, Medulla oblongata, Muscle,quadriceps femoris
Optic nerve, Parathyroid, Pancreas, Pituitary, Prostate, Peyer's patch,ileal
Salivary gland,submandibular, Skin,inguinal, Sciatic nerve, Spleen, Stomach
Seminal vesicle, Spinal cord,thoracic, Testis, Thymus, Trachea, Thyroid
Urinary bladder

Appendix 9-7(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 1007 Male 0 mg/kg Day 43 End of dosing period

Gross pathology:

All tissues Not remarkable

Histopathology:

No tissues examined

Appendix 9-8(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 2001 Male 100 mg/kg Day 43 End of dosing period

Gross pathology:

All tissues Not remarkable

Histopathology:

Following tissues : Not remarkable

Liver

Appendix 9-9(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 2002 Male 100 mg/kg Day 43 End of dosing period

Gross pathology:

All tissues Not remarkable

Histopathology:

Following tissues : Not remarkable

Liver

Appendix 9-10(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 2003 Male 100 mg/kg Day 43 End of dosing period

Gross pathology:

All tissues Not remarkable

Histopathology:

Following tissues : Not remarkable

Liver

Appendix 9-11(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 2004 Male 100 mg/kg Day 43 End of dosing period

Gross pathology:

All tissues Not remarkable

Histopathology:

Following tissues : Not remarkable

Liver

Appendix 9-12(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 2005 Male 100 mg/kg Day 43 End of dosing period

Gross pathology:

All tissues Not remarkable

Histopathology:

Following tissues : Not remarkable

Liver

Appendix 9-13(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 2006 Male 100 mg/kg Day 43 End of dosing period

Gross pathology:

All tissues Not remarkable

Histopathology:

No tissues examined

Appendix 9-14(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 2007 Male 100 mg/kg Day 43 End of dosing period

Gross pathology:

All tissues Not remarkable

Histopathology:

No tissues examined

Appendix 9-15(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 2008 Male 100 mg/kg Day 43 End of dosing period

Gross pathology:

All tissues Not remarkable

Histopathology:

No tissues examined

Appendix 9-16(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 2009 Male 100 mg/kg Day 43 End of dosing period

Gross pathology:

All tissues Not remarkable

Histopathology:

No tissues examined

Appendix 9-17(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 2010 Male 100 mg/kg Day 43 End of dosing period

Gross pathology:

All tissues Not remarkable

Histopathology:

No tissues examined

Appendix 9-18(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 2011 Male 100 mg/kg Day 43 End of dosing period

Gross pathology:

All tissues Not remarkable

Histopathology:

No tissues examined

Appendix 9-19(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 2012 Male 100 mg/kg Day 43 End of dosing period

Gross pathology:

All tissues Not remarkable

Histopathology:

No tissues examined

Appendix 9-20(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 3001 Male 300 mg/kg Day 43 End of dosing period

Gross pathology:

All tissues Not remarkable

Histopathology:

Following tissues : Not remarkable

Liver

Appendix 9-21(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 3002 Male 300 mg/kg Day 43 End of dosing period

Gross pathology:

All tissues Not remarkable

Histopathology:

Following tissues : Not remarkable

Liver

Appendix 9-22(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 3003 Male 300 mg/kg Day 43 End of dosing period

Gross pathology:

All tissues Not remarkable

Histopathology:

Following tissues : Not remarkable

Liver

Appendix 9-23(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 3004 Male 300 mg/kg Day 43 End of dosing period

Gross pathology:

All tissues Not remarkable

Histopathology:

Following tissues : Not remarkable

Liver

Appendix 9-24(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 3005 Male 300 mg/kg Day 43 End of dosing period

Gross pathology:

All tissues Not remarkable

Histopathology:

Following tissues : Not remarkable

Liver

Appendix 9-25(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 3006 Male 300 mg/kg Day 43 End of dosing period

Gross pathology:

All tissues Not remarkable

Histopathology:

No tissues examined

Appendix 9-26(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 3007 Male 300 mg/kg Day 43 End of dosing period

Gross pathology:

All tissues Not remarkable

Histopathology:

No tissues examined

Appendix 9-27(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 3008 Male 300 mg/kg Day 43 End of dosing period

Gross pathology:

All tissues Not remarkable

Histopathology:

No tissues examined

Appendix 9-28(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 3009 Male 300 mg/kg Day 43 End of dosing period

Gross pathology:

All tissues Not remarkable

Histopathology:

No tissues examined

Appendix 9-29(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 3010 Male 300 mg/kg Day 43 End of dosing period

Gross pathology:

All tissues Not remarkable

Histopathology:

No tissues examined

Appendix 9-30(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 3011 Male 300 mg/kg Day 43 End of dosing period

Gross pathology:

All tissues Not remarkable

Histopathology:

No tissues examined

Appendix 9-31(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 3012 Male 300 mg/kg Day 43 End of dosing period

Gross pathology:

All tissues Not remarkable

Histopathology:

No tissues examined

Appendix 9-32(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 4001 Male 1000 mg/kg Day 43 End of dosing period

Gross pathology:

Testis	Small: mild, bilateral
Other tissues	Not remarkable

Histopathology:

Epididymis	Cell debris,lumen: minimal, bilateral
Testis	Atrophy,tubule: moderate, bilateral

Following tissues : Not remarkable

Adrenal, Bone,femur, Bone marrow,femur, Brain(cerebrum,cerebellum,pons
Coagulating gland, Eye, Heart, Intestine,duodenum, Intestine,jejunum
Intestine,ileum, Intestine,cecum, Intestine,colon, Intestine,rectum, Kidney
Lymph node,mesenteric, Lymph node,submandibular, Liver, Lung(bronchus)
Mammary gland,inguinal, Medulla oblongata, Muscle,quadriceps femoris
Optic nerve, Parathyroid, Pancreas, Pituitary, Prostate, Peyer's patch,ileal
Salivary gland,submandibular, Skin,inguinal, Sciatic nerve, Spleen, Stomach
Seminal vesicle, Spinal cord,thoracic, Thymus, Trachea, Thyroid, Urinary bladder

Appendix 9-33(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 4002 Male 1000 mg/kg Day 43 End of dosing period

Gross pathology:

All tissues	Not remarkable

Histopathology:

Liver	Hypertrophy,hepatocyte,centrilobular: mild

Following tissues : Not remarkable

Adrenal, Bone,femur, Bone marrow,femur, Brain(cerebrum,cerebellum,pons
Coagulating gland, Epididymis, Eye, Heart, Intestine,duodenum, Intestine,jejunum
Intestine,ileum, Intestine,cecum, Intestine,colon, Intestine,rectum, Kidney
Lymph node,mesenteric, Lymph node,submandibular, Lung(bronchus)
Mammary gland,inguinal, Medulla oblongata, Muscle,quadriceps femoris
Optic nerve, Parathyroid, Pancreas, Pituitary, Prostate, Peyer's patch,ileal
Salivary gland,submandibular, Skin,inguinal, Sciatic nerve, Spleen, Stomach
Seminal vesicle, Spinal cord,thoracic, Testis, Thymus, Trachea, Thyroid
Urinary bladder

Appendix 9-34(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 4003 Male 1000 mg/kg Day 43 End of dosing period

Gross pathology:

All tissues	Not remarkable

Histopathology:

Liver	Hypertrophy,hepatocyte,centrilobular: mild

Following tissues : Not remarkable

Adrenal, Bone,femur, Bone marrow,femur, Brain(cerebrum,cerebellum,pons
Coagulating gland, Epididymis, Eye, Heart, Intestine,duodenum, Intestine,jejunum
Intestine,ileum, Intestine,cecum, Intestine,colon, Intestine,rectum, Kidney
Lymph node,mesenteric, Lymph node,submandibular, Lung(bronchus)
Mammary gland,inguinal, Medulla oblongata, Muscle,quadriceps femoris
Optic nerve, Parathyroid, Pancreas, Pituitary, Prostate, Peyer's patch,ileal
Salivary gland,submandibular, Skin,inguinal, Sciatic nerve, Spleen, Stomach
Seminal vesicle, Spinal cord,thoracic, Testis, Thymus, Trachea, Thyroid
Urinary bladder

Appendix 9-35(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 4004 Male 1000 mg/kg Day 43 End of dosing period

Gross pathology:

All tissues	Not remarkable

Histopathology:

Liver	Hypertrophy,hepatocyte,centrilobular: mild

Following tissues : Not remarkable

Adrenal, Bone,femur, Bone marrow,femur, Brain(cerebrum,cerebellum,pons
Coagulating gland, Epididymis, Eye, Heart, Intestine,duodenum, Intestine,jejunum
Intestine,ileum, Intestine,cecum, Intestine,colon, Intestine,rectum, Kidney
Lymph node,mesenteric, Lymph node,submandibular, Lung(bronchus)
Mammary gland,inguinal, Medulla oblongata, Muscle,quadriceps femoris
Optic nerve, Parathyroid, Pancreas, Pituitary, Prostate, Peyer's patch,ileal
Salivary gland,submandibular, Skin,inguinal, Sciatic nerve, Spleen, Stomach
Seminal vesicle, Spinal cord,thoracic, Testis, Thymus, Trachea, Thyroid
Urinary bladder

Appendix 9-36(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 4005 Male 1000 mg/kg Day 43 End of dosing period

Gross pathology:

All tissues	Not remarkable

Histopathology:

Kidney	Fibrosis,interstitial: minimal, unilateral

Following tissues : Not remarkable

Adrenal, Bone,femur, Bone marrow,femur, Brain(cerebrum,cerebellum,pons
Coagulating gland, Epididymis, Eye, Heart, Intestine,duodenum, Intestine,jejunum
Intestine,ileum, Intestine,cecum, Intestine,colon, Intestine,rectum
Lymph node,mesenteric, Lymph node,submandibular, Liver, Lung(bronchus)
Mammary gland,inguinal, Medulla oblongata, Muscle,quadriceps femoris
Optic nerve, Parathyroid, Pancreas, Pituitary, Prostate, Peyer's patch,ileal
Salivary gland,submandibular, Skin,inguinal, Sciatic nerve, Spleen, Stomach
Seminal vesicle, Spinal cord,thoracic, Testis, Thymus, Trachea, Thyroid
Urinary bladder

Appendix 9-37(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 4006 Male 1000 mg/kg Day 43 End of dosing period

Gross pathology:

All tissues Not remarkable

Histopathology:

No tissues examined

Appendix 9-38(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 4007 Male 1000 mg/kg Day 43 End of dosing period

Gross pathology:

Liver	Large: mild
Other tissues	Not remarkable

Histopathology:

No tissues examined

Appendix 9-39(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 5101 Female 0 mg/kg Day 43 End of dosing period

Gross pathology:

All tissues Not remarkable

Histopathology:

Following tissues : Not remarkable

Adrenal, Bone,femur, Bone marrow,femur, Brain(cerebrum,cerebellum,pons, Eye
Heart, Intestine,duodenum, Intestine,jejunum, Intestine,ileum, Intestine,cecum
Intestine,colon, Intestine,rectum, Kidney, Lymph node,mesenteric
Lymph node,submandibular, Liver, Lung(bronchus), Mammary gland,inguinal
Medulla oblongata, Muscle,quadriceps femoris, Optic nerve, Ovary, Parathyroid
Pancreas, Pituitary, Peyer's patch,ileal, Salivary gland,submandibular
Skin,inguinal, Sciatic nerve, Spleen, Stomach, Spinal cord,thoracic, Thymus
Trachea, Thyroid, Urinary bladder, Uterus, Vagina

Appendix 9-40(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 5102 Female 0 mg/kg Day 43 End of dosing period

Gross pathology:

All tissues Not remarkable

Histopathology:

Following tissues : Not remarkable

Adrenal, Bone,femur, Bone marrow,femur, Brain(cerebrum,cerebellum,pons, Eye
Heart, Intestine,duodenum, Intestine,jejunum, Intestine,ileum, Intestine,cecum
Intestine,colon, Intestine,rectum, Kidney, Lymph node,mesenteric
Lymph node,submandibular, Liver, Lung(bronchus), Mammary gland,inguinal
Medulla oblongata, Muscle,quadriceps femoris, Optic nerve, Ovary, Parathyroid
Pancreas, Pituitary, Peyer's patch,ileal, Salivary gland,submandibular
Skin,inguinal, Sciatic nerve, Spleen, Stomach, Spinal cord,thoracic, Thymus
Trachea, Thyroid, Urinary bladder, Uterus, Vagina

Appendix 9-41(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 5103 Female 0 mg/kg Day 43 End of dosing period

Gross pathology:

All tissues Not remarkable

Histopathology:

Following tissues : Not remarkable

Adrenal, Bone,femur, Bone marrow,femur, Brain(cerebrum,cerebellum,pons, Eye
Heart, Intestine,duodenum, Intestine,jejunum, Intestine,ileum, Intestine,cecum
Intestine,colon, Intestine,rectum, Kidney, Lymph node,mesenteric
Lymph node,submandibular, Liver, Lung(bronchus), Mammary gland,inguinal
Medulla oblongata, Muscle,quadriceps femoris, Optic nerve, Ovary, Parathyroid
Pancreas, Pituitary, Peyer's patch,ileal, Salivary gland,submandibular
Skin,inguinal, Sciatic nerve, Spleen, Stomach, Spinal cord,thoracic, Thymus
Trachea, Thyroid, Urinary bladder, Uterus, Vagina

Appendix 9-42(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 5104 Female 0 mg/kg Day 43 End of dosing period

Gross pathology:

All tissues Not remarkable

Histopathology:

Following tissues : Not remarkable

Adrenal, Bone,femur, Bone marrow,femur, Brain(cerebrum,cerebellum,pons, Eye
Heart, Intestine,duodenum, Intestine,jejunum, Intestine,ileum, Intestine,cecum
Intestine,colon, Intestine,rectum, Kidney, Lymph node,mesenteric
Lymph node,submandibular, Liver, Lung(bronchus), Mammary gland,inguinal
Medulla oblongata, Muscle,quadriceps femoris, Optic nerve, Ovary, Parathyroid
Pancreas, Pituitary, Peyer's patch,ileal, Salivary gland,submandibular
Skin,inguinal, Sciatic nerve, Spleen, Stomach, Spinal cord,thoracic, Thymus
Trachea, Thyroid, Urinary bladder, Uterus, Vagina

Appendix 9-43(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 5105 Female 0 mg/kg Day 43 End of dosing period

Gross pathology:

All tissues Not remarkable

Histopathology:

Following tissues : Not remarkable

Adrenal, Bone,femur, Bone marrow,femur, Brain(cerebrum,cerebellum,pons, Eye
Heart, Intestine,duodenum, Intestine,jejunum, Intestine,ileum, Intestine,cecum
Intestine,colon, Intestine,rectum, Kidney, Lymph node,mesenteric
Lymph node,submandibular, Liver, Lung(bronchus), Mammary gland,inguinal
Medulla oblongata, Muscle,quadriceps femoris, Optic nerve, Ovary, Parathyroid
Pancreas, Pituitary, Peyer's patch,ileal, Salivary gland,submandibular
Skin,inguinal, Sciatic nerve, Spleen, Stomach, Spinal cord,thoracic, Thymus
Trachea, Thyroid, Urinary bladder, Uterus, Vagina

Appendix 9-44(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 6101 Female 1000 mg/kg Day 43 End of dosing period

Gross pathology:

All tissues	Not remarkable

Histopathology:

Liver	Hypertrophy,hepatocyte,centrilobular: minimal

Following tissues : Not remarkable

Adrenal, Bone,femur, Bone marrow,femur, Brain(cerebrum,cerebellum,pons, Eye
Heart, Intestine,duodenum, Intestine,jejunum, Intestine,ileum, Intestine,cecum
Intestine,colon, Intestine,rectum, Kidney, Lymph node,mesenteric
Lymph node,submandibular, Lung(bronchus), Mammary gland,inguinal
Medulla oblongata, Muscle,quadriceps femoris, Optic nerve, Ovary, Parathyroid
Pancreas, Pituitary, Peyer's patch,ileal, Salivary gland,submandibular
Skin,inguinal, Sciatic nerve, Spleen, Stomach, Spinal cord,thoracic, Thymus
Trachea, Thyroid, Urinary bladder, Uterus, Vagina

Appendix 9-45(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 6102 Female 1000 mg/kg Day 43 End of dosing period

Gross pathology:

All tissues	Not remarkable

Histopathology:

Liver	Hypertrophy,hepatocyte,centrilobular: minimal

Following tissues : Not remarkable

Adrenal, Bone,femur, Bone marrow,femur, Brain(cerebrum,cerebellum,pons, Eye
Heart, Intestine,duodenum, Intestine,jejunum, Intestine,ileum, Intestine,cecum
Intestine,colon, Intestine,rectum, Kidney, Lymph node,mesenteric
Lymph node,submandibular, Lung(bronchus), Mammary gland,inguinal
Medulla oblongata, Muscle,quadriceps femoris, Optic nerve, Ovary, Parathyroid
Pancreas, Pituitary, Peyer's patch,ileal, Salivary gland,submandibular
Skin,inguinal, Sciatic nerve, Spleen, Stomach, Spinal cord,thoracic, Thymus
Trachea, Thyroid, Urinary bladder, Uterus, Vagina

Appendix 9-46(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 6103 Female 1000 mg/kg Day 43 End of dosing period

Gross pathology:

All tissues	Not remarkable

Histopathology:

Liver	Hypertrophy,hepatocyte,centrilobular: minimal

Following tissues : Not remarkable

Adrenal, Bone,femur, Bone marrow,femur, Brain(cerebrum,cerebellum,pons, Eye
Heart, Intestine,duodenum, Intestine,jejunum, Intestine,ileum, Intestine,cecum
Intestine,colon, Intestine,rectum, Kidney, Lymph node,mesenteric
Lymph node,submandibular, Lung(bronchus), Mammary gland,inguinal
Medulla oblongata, Muscle,quadriceps femoris, Optic nerve, Ovary, Parathyroid
Pancreas, Pituitary, Peyer's patch,ileal, Salivary gland,submandibular
Skin,inguinal, Sciatic nerve, Spleen, Stomach, Spinal cord,thoracic, Thymus
Trachea, Thyroid, Urinary bladder, Uterus, Vagina

Appendix 9-47(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 6104 Female 1000 mg/kg Day 43 End of dosing period

Gross pathology:

All tissues	Not remarkable

Histopathology:

Liver	Hypertrophy,hepatocyte,centrilobular: minimal

Following tissues : Not remarkable

Adrenal, Bone,femur, Bone marrow,femur, Brain(cerebrum,cerebellum,pons, Eye
Heart, Intestine,duodenum, Intestine,jejunum, Intestine,ileum, Intestine,cecum
Intestine,colon, Intestine,rectum, Kidney, Lymph node,mesenteric
Lymph node,submandibular, Lung(bronchus), Mammary gland,inguinal
Medulla oblongata, Muscle,quadriceps femoris, Optic nerve, Ovary, Parathyroid
Pancreas, Pituitary, Peyer's patch,ileal, Salivary gland,submandibular
Skin,inguinal, Sciatic nerve, Spleen, Stomach, Spinal cord,thoracic, Thymus
Trachea, Thyroid, Urinary bladder, Uterus, Vagina

Appendix 9-48(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 6105 Female 1000 mg/kg Day 43 End of dosing period

Gross pathology:

All tissues	Not remarkable

Histopathology:

Liver	Hypertrophy,hepatocyte,centrilobular: minimal

Following tissues : Not remarkable

Adrenal, Bone,femur, Bone marrow,femur, Brain(cerebrum,cerebellum,pons, Eye
Heart, Intestine,duodenum, Intestine,jejunum, Intestine,ileum, Intestine,cecum
Intestine,colon, Intestine,rectum, Kidney, Lymph node,mesenteric
Lymph node,submandibular, Lung(bronchus), Mammary gland,inguinal
Medulla oblongata, Muscle,quadriceps femoris, Optic nerve, Ovary, Parathyroid
Pancreas, Pituitary, Peyer's patch,ileal, Salivary gland,submandibular
Skin,inguinal, Sciatic nerve, Spleen, Stomach, Spinal cord,thoracic, Thymus
Trachea, Thyroid, Urinary bladder, Uterus, Vagina

Appendix 9-49(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 1101 Female 0 mg/kg Day 52 End of administration,Dams

Gross pathology:

All tissues Not remarkable

Histopathology:

Following tissues : Not remarkable

Adrenal, Bone,femur, Bone marrow,femur, Brain(cerebrum,cerebellum,pons, Eye
Heart, Intestine,duodenum, Intestine,jejunum, Intestine,ileum, Intestine,cecum
Intestine,colon, Intestine,rectum, Kidney, Lymph node,mesenteric
Lymph node,submandibular, Liver, Lung(bronchus), Mammary gland,inguinal
Medulla oblongata, Muscle,quadriceps femoris, Optic nerve, Ovary, Parathyroid
Pancreas, Pituitary, Peyer's patch,ileal, Salivary gland,submandibular
Skin,inguinal, Sciatic nerve, Spleen, Stomach, Spinal cord,thoracic, Thymus
Trachea, Thyroid, Urinary bladder, Uterus, Vagina

Appendix 9-50(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 1102 Female 0 mg/kg Day 52 End of administration,Dams

Gross pathology:

All tissues Not remarkable

Histopathology:

Following tissues : Not remarkable

Adrenal, Bone,femur, Bone marrow,femur, Brain(cerebrum,cerebellum,pons, Eye
Heart, Intestine,duodenum, Intestine,jejunum, Intestine,ileum, Intestine,cecum
Intestine,colon, Intestine,rectum, Kidney, Lymph node,mesenteric
Lymph node,submandibular, Liver, Lung(bronchus), Mammary gland,inguinal
Medulla oblongata, Muscle,quadriceps femoris, Optic nerve, Ovary, Parathyroid
Pancreas, Pituitary, Peyer's patch,ileal, Salivary gland,submandibular
Skin,inguinal, Sciatic nerve, Spleen, Stomach, Spinal cord,thoracic, Thymus
Trachea, Thyroid, Urinary bladder, Uterus, Vagina

Appendix 9-51(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 1103 Female 0 mg/kg Day 54 End of administration,Dams

Gross pathology:

All tissues Not remarkable

Histopathology:

No tissues examined

Appendix 9-52(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 1104 Female 0 mg/kg Day 53 End of administration,Dams

Gross pathology:

All tissues Not remarkable

Histopathology:

Following tissues : Not remarkable

Adrenal, Bone,femur, Bone marrow,femur, Brain(cerebrum,cerebellum,pons, Eye
Heart, Intestine,duodenum, Intestine,jejunum, Intestine,ileum, Intestine,cecum
Intestine,colon, Intestine,rectum, Kidney, Lymph node,mesenteric
Lymph node,submandibular, Liver, Lung(bronchus), Mammary gland,inguinal
Medulla oblongata, Muscle,quadriceps femoris, Optic nerve, Ovary, Parathyroid
Pancreas, Pituitary, Peyer's patch,ileal, Salivary gland,submandibular
Skin,inguinal, Sciatic nerve, Spleen, Stomach, Spinal cord,thoracic, Thymus
Trachea, Thyroid, Urinary bladder, Uterus, Vagina

Appendix 9-53(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 1105 Female 0 mg/kg Day 52 End of administration,Dams

Gross pathology:

All tissues Not remarkable

Histopathology:

Following tissues : Not remarkable

Adrenal, Bone,femur, Bone marrow,femur, Brain(cerebrum,cerebellum,pons, Eye
Heart, Intestine,duodenum, Intestine,jejunum, Intestine,ileum, Intestine,cecum
Intestine,colon, Intestine,rectum, Kidney, Lymph node,mesenteric
Lymph node,submandibular, Liver, Lung(bronchus), Mammary gland,inguinal
Medulla oblongata, Muscle,quadriceps femoris, Optic nerve, Ovary, Parathyroid
Pancreas, Pituitary, Peyer's patch,ileal, Salivary gland,submandibular
Skin,inguinal, Sciatic nerve, Spleen, Stomach, Spinal cord,thoracic, Thymus
Trachea, Thyroid, Urinary bladder, Uterus, Vagina

Appendix 9-54(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 1106 Female 0 mg/kg Day 44 Undelivered

Gross pathology:

All tissues	Not remarkable

Histopathology:

Pituitary	Aberrant craniopharyngeal tissue: mild
Vagina	Infiltrate,inflammatory cell,submucosa: minimal

Following tissues : Not remarkable

Adrenal, Bone,femur, Bone marrow,femur, Brain(cerebrum,cerebellum,pons, Eye
Heart, Intestine,duodenum, Intestine,jejunum, Intestine,ileum, Intestine,cecum
Intestine,colon, Intestine,rectum, Kidney, Lymph node,mesenteric
Lymph node,submandibular, Liver, Lung(bronchus), Mammary gland,inguinal
Medulla oblongata, Muscle,quadriceps femoris, Optic nerve, Ovary, Parathyroid
Pancreas, Peyer's patch,ileal, Salivary gland,submandibular, Skin,inguinal
Sciatic nerve, Spleen, Stomach, Spinal cord,thoracic, Thymus, Trachea, Thyroid
Urinary bladder, Uterus

Appendix 9-55(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 1107 Female 0 mg/kg Day 54 End of administration,Dams

Gross pathology:

All tissues Not remarkable

Histopathology:

No tissues examined

Appendix 9-56(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 1108 Female 0 mg/kg Day 55 End of administration,Dams

Gross pathology:

All tissues Not remarkable

Histopathology:

No tissues examined

Appendix 9-57(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 1109 Female 0 mg/kg Day 56 End of administration,Dams

Gross pathology:

All tissues Not remarkable

Histopathology:

No tissues examined

Appendix 9-58(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 1110 Female 0 mg/kg Day 54 End of administration,Dams

Gross pathology:

All tissues Not remarkable

Histopathology:

No tissues examined

Appendix 9-59(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 1111 Female 0 mg/kg Day 55 End of administration,Dams

Gross pathology:

All tissues Not remarkable

Histopathology:

No tissues examined

Appendix 9-60(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 1112 Female 0 mg/kg Day 53 End of administration,Dams

Gross pathology:

All tissues Not remarkable

Histopathology:

Following tissues : Not remarkable

Adrenal, Bone,femur, Bone marrow,femur, Brain(cerebrum,cerebellum,pons, Eye
Heart, Intestine,duodenum, Intestine,jejunum, Intestine,ileum, Intestine,cecum
Intestine,colon, Intestine,rectum, Kidney, Lymph node,mesenteric
Lymph node,submandibular, Liver, Lung(bronchus), Mammary gland,inguinal
Medulla oblongata, Muscle,quadriceps femoris, Optic nerve, Ovary, Parathyroid
Pancreas, Pituitary, Peyer's patch,ileal, Salivary gland,submandibular
Skin,inguinal, Sciatic nerve, Spleen, Stomach, Spinal cord,thoracic, Thymus
Trachea, Thyroid, Urinary bladder, Uterus, Vagina

Appendix 9-61(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 2101 Female 100 mg/kg Day 52 End of administration,Dams

Gross pathology:

All tissues Not remarkable

Histopathology:

Following tissues : Not remarkable

Liver

Appendix 9-62(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 2102 Female 100 mg/kg Day 54 End of administration,Dams

Gross pathology:

All tissues Not remarkable

Histopathology:

Following tissues : Not remarkable

Liver

Appendix 9-63(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 2103 Female 100 mg/kg Day 55 End of administration,Dams

Gross pathology:

All tissues Not remarkable

Histopathology:

No tissues examined

Appendix 9-64(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 2104 Female 100 mg/kg Day 55 End of administration,Dams

Gross pathology:

All tissues Not remarkable

Histopathology:

No tissues examined

Appendix 9-65(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 2105 Female 100 mg/kg Day 54 End of administration,Dams

Gross pathology:

All tissues Not remarkable

Histopathology:

Following tissues : Not remarkable

Liver

Appendix 9-66(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 2106 Female 100 mg/kg Day 55 End of administration,Dams

Gross pathology:

All tissues Not remarkable

Histopathology:

No tissues examined

Appendix 9-67(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 2107 Female 100 mg/kg Day 55 End of administration,Dams

Gross pathology:

All tissues Not remarkable

Histopathology:

No tissues examined

Appendix 9-68(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 2108 Female 100 mg/kg Day 54 End of administration,Dams

Gross pathology:

All tissues Not remarkable

Histopathology:

No tissues examined

Appendix 9-69(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 2109 Female 100 mg/kg Day 54 End of administration,Dams

Gross pathology:

All tissues Not remarkable

Histopathology:

No tissues examined

Appendix 9-70(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 2110 Female 100 mg/kg Day 53 End of administration,Dams

Gross pathology:

All tissues Not remarkable

Histopathology:

Following tissues : Not remarkable

Liver

Appendix 9-71(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 2111 Female 100 mg/kg Day 53 End of administration,Dams

Gross pathology:

All tissues Not remarkable

Histopathology:

Following tissues : Not remarkable

Liver

Appendix 9-72(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 2112 Female 100 mg/kg Day 55 End of administration,Dams

Gross pathology:

All tissues Not remarkable

Histopathology:

No tissues examined

Appendix 9-73(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 3101 Female 300 mg/kg Day 53 End of administration,Dams

Gross pathology:

All tissues Not remarkable

Histopathology:

Following tissues : Not remarkable

Liver

Appendix 9-74(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 3102 Female 300 mg/kg Day 53 End of administration,Dams

Gross pathology:

All tissues Not remarkable

Histopathology:

No tissues examined

Appendix 9-75(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 3103 Female 300 mg/kg Day 54 End of administration,Dams

Gross pathology:

All tissues Not remarkable

Histopathology:

No tissues examined

Appendix 9-76(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 3104 Female 300 mg/kg Day 52 End of administration,Dams

Gross pathology:

Stomach	Focus,raised,forestomach: 1 present serosa;3x1x1mm
Other tissues	Not remarkable

Histopathology:

Following tissues : Not remarkable

Liver

Appendix 9-77(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 3105 Female 300 mg/kg Day 54 End of administration,Dams

Gross pathology:

All tissues Not remarkable

Histopathology:

No tissues examined

Appendix 9-78(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 3106 Female 300 mg/kg Day 55 End of administration,Dams

Gross pathology:

Thyroid	Small: severe, left
Other tissues	Not remarkable

Histopathology:

No tissues examined

Appendix 9-79(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 3107 Female 300 mg/kg Day 52 End of administration,Dams

Gross pathology:

All tissues Not remarkable

Histopathology:

Following tissues : Not remarkable

Liver

Appendix 9-80(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 3108 Female 300 mg/kg Day 53 End of administration,Dams

Gross pathology:

All tissues Not remarkable

Histopathology:

No tissues examined

Appendix 9-81(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 3109 Female 300 mg/kg Day 54 End of administration,Dams

Gross pathology:

All tissues Not remarkable

Histopathology:

No tissues examined

Appendix 9-82(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 3110 Female 300 mg/kg Day 52 End of administration,Dams

Gross pathology:

All tissues Not remarkable

Histopathology:

Following tissues : Not remarkable

Liver

Appendix 9-83(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 3111 Female 300 mg/kg Day 52 End of administration,Dams

Gross pathology:

All tissues Not remarkable

Histopathology:

Following tissues : Not remarkable

Liver

Appendix 9-84(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 3112 Female 300 mg/kg Day 53 End of administration,Dams

Gross pathology:

Lung(bronchus)	Focus,dark red: 1 present 2x2mm
Other tissues	Not remarkable

Histopathology:

No tissues examined

Appendix 9-85(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 4101 Female 1000 mg/kg Day 53 End of administration,Dams

Gross pathology:

All tissues	Not remarkable

Histopathology:

Liver	Hypertrophy,hepatocyte,centrilobular: mild

Following tissues : Not remarkable

Adrenal, Bone,femur, Bone marrow,femur, Brain(cerebrum,cerebellum,pons, Eye
Heart, Intestine,duodenum, Intestine,jejunum, Intestine,ileum, Intestine,cecum
Intestine,colon, Intestine,rectum, Kidney, Lymph node,mesenteric
Lymph node,submandibular, Lung(bronchus), Mammary gland,inguinal
Medulla oblongata, Muscle,quadriceps femoris, Optic nerve, Ovary, Parathyroid
Pancreas, Pituitary, Peyer's patch,ileal, Salivary gland,submandibular
Skin,inguinal, Sciatic nerve, Spleen, Stomach, Spinal cord,thoracic, Thymus
Trachea, Thyroid, Urinary bladder, Uterus, Vagina

Appendix 9-86(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 4102 Female 1000 mg/kg Day 52 End of administration,Dams

Gross pathology:

All tissues	Not remarkable

Histopathology:

Liver	Hypertrophy,hepatocyte,centrilobular: minimal
Pituitary	Cyst,pars distalis: minimal

Following tissues : Not remarkable

Adrenal, Bone,femur, Bone marrow,femur, Brain(cerebrum,cerebellum,pons, Eye
Heart, Intestine,duodenum, Intestine,jejunum, Intestine,ileum, Intestine,cecum
Intestine,colon, Intestine,rectum, Kidney, Lymph node,mesenteric
Lymph node,submandibular, Lung(bronchus), Mammary gland,inguinal
Medulla oblongata, Muscle,quadriceps femoris, Optic nerve, Ovary, Parathyroid
Pancreas, Peyer's patch,ileal, Salivary gland,submandibular, Skin,inguinal
Sciatic nerve, Spleen, Stomach, Spinal cord,thoracic, Thymus, Trachea, Thyroid
Urinary bladder, Uterus, Vagina

Appendix 9-87(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 4103 Female 1000 mg/kg Day 52 End of administration,Dams

Gross pathology:

All tissues	Not remarkable

Histopathology:

Liver	Hypertrophy,hepatocyte,centrilobular: minimal

Following tissues : Not remarkable

Adrenal, Bone,femur, Bone marrow,femur, Brain(cerebrum,cerebellum,pons, Eye
Heart, Intestine,duodenum, Intestine,jejunum, Intestine,ileum, Intestine,cecum
Intestine,colon, Intestine,rectum, Kidney, Lymph node,mesenteric
Lymph node,submandibular, Lung(bronchus), Mammary gland,inguinal
Medulla oblongata, Muscle,quadriceps femoris, Optic nerve, Ovary, Parathyroid
Pancreas, Pituitary, Peyer's patch,ileal, Salivary gland,submandibular
Skin,inguinal, Sciatic nerve, Spleen, Stomach, Spinal cord,thoracic, Thymus
Trachea, Thyroid, Urinary bladder, Uterus, Vagina

Appendix 9-88(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 4104 Female 1000 mg/kg Day 52 End of administration,Dams

Gross pathology:

All tissues	Not remarkable

Histopathology:

Liver	Hypertrophy,hepatocyte,centrilobular: mild

Following tissues : Not remarkable

Adrenal, Bone,femur, Bone marrow,femur, Brain(cerebrum,cerebellum,pons, Eye
Heart, Intestine,duodenum, Intestine,jejunum, Intestine,ileum, Intestine,cecum
Intestine,colon, Intestine,rectum, Kidney, Lymph node,mesenteric
Lymph node,submandibular, Lung(bronchus), Mammary gland,inguinal
Medulla oblongata, Muscle,quadriceps femoris, Optic nerve, Ovary, Parathyroid
Pancreas, Pituitary, Peyer's patch,ileal, Salivary gland,submandibular
Skin,inguinal, Sciatic nerve, Spleen, Stomach, Spinal cord,thoracic, Thymus
Trachea, Thyroid, Urinary bladder, Uterus, Vagina

Appendix 9-89(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 4105 Female 1000 mg/kg Day 55 End of administration,Dams

Gross pathology:

All tissues Not remarkable

Histopathology:

No tissues examined

Appendix 9-90(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 4106 Female 1000 mg/kg Day 53 End of administration,Dams

Gross pathology:

All tissues	Not remarkable

Histopathology:

Liver	Hypertrophy,hepatocyte,centrilobular: mild

Following tissues : Not remarkable

Adrenal, Bone,femur, Bone marrow,femur, Brain(cerebrum,cerebellum,pons, Eye
Heart, Intestine,duodenum, Intestine,jejunum, Intestine,ileum, Intestine,cecum
Intestine,colon, Intestine,rectum, Kidney, Lymph node,mesenteric
Lymph node,submandibular, Lung(bronchus), Mammary gland,inguinal
Medulla oblongata, Muscle,quadriceps femoris, Optic nerve, Ovary, Parathyroid
Pancreas, Pituitary, Peyer's patch,ileal, Salivary gland,submandibular
Skin,inguinal, Sciatic nerve, Spleen, Stomach, Spinal cord,thoracic, Thymus
Trachea, Thyroid, Urinary bladder, Uterus, Vagina

Appendix 9-91(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 4107 Female 1000 mg/kg Day 53 End of administration,Dams

Gross pathology:

All tissues Not remarkable

Histopathology:

No tissues examined

Appendix 9-92(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 4108 Female 1000 mg/kg Day 54 End of administration,Dams

Gross pathology:

All tissues Not remarkable

Histopathology:

No tissues examined

Appendix 9-93(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 4109 Female 1000 mg/kg Day 54 End of administration,Dams

Gross pathology:

All tissues Not remarkable

Histopathology:

No tissues examined

Appendix 9-94(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 4110 Female 1000 mg/kg Day 56 End of administration,Dams

Gross pathology:

All tissues Not remarkable

Histopathology:

No tissues examined

Appendix 9-95(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 4111 Female 1000 mg/kg Day 53 End of administration,Dams

Gross pathology:

All tissues Not remarkable

Histopathology:

No tissues examined

Appendix 9-96(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 4112 Female 1000 mg/kg Day 53 End of administration,Dams

Gross pathology:

All tissues Not remarkable

Histopathology:

No tissues examined

Appendix 9-97(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 1008 Male 0 mg/kg Day 57 End of recovery period

Gross pathology:

All tissues	Not remarkable

Histopathology:

Heart	Infiltrate,inflammatory cell: minimal left ventricle and septum
Pancreas	Focus,basophilic,acinar cell: minimal
Prostate	Infiltrate,inflammatory cell,interstitum: minimal

Following tissues : Not remarkable

Adrenal, Bone,femur, Bone marrow,femur, Brain(cerebrum,cerebellum,pons
Coagulating gland, Epididymis, Eye, Intestine,duodenum, Intestine,jejunum
Intestine,ileum, Intestine,cecum, Intestine,colon, Intestine,rectum, Kidney
Lymph node,mesenteric, Lymph node,submandibular, Liver, Lung(bronchus)
Mammary gland,inguinal, Medulla oblongata, Muscle,quadriceps femoris
Optic nerve, Parathyroid, Pituitary, Peyer's patch,ileal
Salivary gland,submandibular, Skin,inguinal, Sciatic nerve, Spleen, Stomach
Seminal vesicle, Spinal cord,thoracic, Testis, Thymus, Trachea, Thyroid
Urinary bladder

Appendix 9-98(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 1009 Male 0 mg/kg Day 57 End of recovery period

Gross pathology:

All tissues Not remarkable

Histopathology:

Following tissues : Not remarkable

Adrenal, Bone,femur, Bone marrow,femur, Brain(cerebrum,cerebellum,pons
Coagulating gland, Epididymis, Eye, Heart, Intestine,duodenum, Intestine,jejunum
Intestine,ileum, Intestine,cecum, Intestine,colon, Intestine,rectum, Kidney
Lymph node,mesenteric, Lymph node,submandibular, Liver, Lung(bronchus)
Mammary gland,inguinal, Medulla oblongata, Muscle,quadriceps femoris
Optic nerve, Parathyroid, Pancreas, Pituitary, Prostate, Peyer's patch,ileal
Salivary gland,submandibular, Skin,inguinal, Sciatic nerve, Spleen, Stomach
Seminal vesicle, Spinal cord,thoracic, Testis, Thymus, Trachea, Thyroid
Urinary bladder

Appendix 9-99(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 1010 Male 0 mg/kg Day 57 End of recovery period

Gross pathology:

All tissues	Not remarkable

Histopathology:

Kidney	Cyst: minimal, unilateral

Following tissues : Not remarkable

Adrenal, Bone,femur, Bone marrow,femur, Brain(cerebrum,cerebellum,pons
Coagulating gland, Epididymis, Eye, Heart, Intestine,duodenum, Intestine,jejunum
Intestine,ileum, Intestine,cecum, Intestine,colon, Intestine,rectum
Lymph node,mesenteric, Lymph node,submandibular, Liver, Lung(bronchus)
Mammary gland,inguinal, Medulla oblongata, Muscle,quadriceps femoris
Optic nerve, Parathyroid, Pancreas, Pituitary, Prostate, Peyer's patch,ileal
Salivary gland,submandibular, Skin,inguinal, Sciatic nerve, Spleen, Stomach
Seminal vesicle, Spinal cord,thoracic, Testis, Thymus, Trachea, Thyroid
Urinary bladder

Appendix 9-100(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 1011 Male 0 mg/kg Day 57 End of recovery period

Gross pathology:

All tissues Not remarkable

Histopathology:

Following tissues : Not remarkable

Adrenal, Bone,femur, Bone marrow,femur, Brain(cerebrum,cerebellum,pons
Coagulating gland, Epididymis, Eye, Heart, Intestine,duodenum, Intestine,jejunum
Intestine,ileum, Intestine,cecum, Intestine,colon, Intestine,rectum, Kidney
Lymph node,mesenteric, Lymph node,submandibular, Liver, Lung(bronchus)
Mammary gland,inguinal, Medulla oblongata, Muscle,quadriceps femoris
Optic nerve, Parathyroid, Pancreas, Pituitary, Prostate, Peyer's patch,ileal
Salivary gland,submandibular, Skin,inguinal, Sciatic nerve, Spleen, Stomach
Seminal vesicle, Spinal cord,thoracic, Testis, Thymus, Trachea, Thyroid
Urinary bladder

Appendix 9-101(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 1012 Male 0 mg/kg Day 57 End of recovery period

Gross pathology:

Kidney	Dilatation,pelvis: mild, right
Other tissues	Not remarkable

Histopathology:

Kidney	Dilatation,pelvis: mild, unilateral

Following tissues : Not remarkable

Adrenal, Bone,femur, Bone marrow,femur, Brain(cerebrum,cerebellum,pons
Coagulating gland, Epididymis, Eye, Heart, Intestine,duodenum, Intestine,jejunum
Intestine,ileum, Intestine,cecum, Intestine,colon, Intestine,rectum
Lymph node,mesenteric, Lymph node,submandibular, Liver, Lung(bronchus)
Mammary gland,inguinal, Medulla oblongata, Muscle,quadriceps femoris
Optic nerve, Parathyroid, Pancreas, Pituitary, Prostate, Peyer's patch,ileal
Salivary gland,submandibular, Skin,inguinal, Sciatic nerve, Spleen, Stomach
Seminal vesicle, Spinal cord,thoracic, Testis, Thymus, Trachea, Thyroid
Urinary bladder

Appendix 9-102(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 4008 Male 1000 mg/kg Day 57 End of recovery period

Gross pathology:

All tissues Not remarkable

Histopathology:

Following tissues : Not remarkable

Adrenal, Bone,femur, Bone marrow,femur, Brain(cerebrum,cerebellum,pons
Coagulating gland, Epididymis, Eye, Heart, Intestine,duodenum, Intestine,jejunum
Intestine,ileum, Intestine,cecum, Intestine,colon, Intestine,rectum, Kidney
Lymph node,mesenteric, Lymph node,submandibular, Liver, Lung(bronchus)
Mammary gland,inguinal, Medulla oblongata, Muscle,quadriceps femoris
Optic nerve, Parathyroid, Pancreas, Pituitary, Prostate, Peyer's patch,ileal
Salivary gland,submandibular, Skin,inguinal, Sciatic nerve, Spleen, Stomach
Seminal vesicle, Spinal cord,thoracic, Testis, Thymus, Trachea, Thyroid
Urinary bladder

Appendix 9-103(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 4009 Male 1000 mg/kg Day 57 End of recovery period

Gross pathology:

All tissues Not remarkable

Histopathology:

Following tissues : Not remarkable

Adrenal, Bone,femur, Bone marrow,femur, Brain(cerebrum,cerebellum,pons
Coagulating gland, Epididymis, Eye, Heart, Intestine,duodenum, Intestine,jejunum
Intestine,ileum, Intestine,cecum, Intestine,colon, Intestine,rectum, Kidney
Lymph node,mesenteric, Lymph node,submandibular, Liver, Lung(bronchus)
Mammary gland,inguinal, Medulla oblongata, Muscle,quadriceps femoris
Optic nerve, Parathyroid, Pancreas, Pituitary, Prostate, Peyer's patch,ileal
Salivary gland,submandibular, Skin,inguinal, Sciatic nerve, Spleen, Stomach
Seminal vesicle, Spinal cord,thoracic, Testis, Thymus, Trachea, Thyroid
Urinary bladder

Appendix 9-104(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 4010 Male 1000 mg/kg Day 57 End of recovery period

Gross pathology:

All tissues	Not remarkable

Histopathology:

Heart	Infiltrate,inflammatory cell: minimal left ventricle and septum
Prostate	Infiltrate,inflammatory cell,interstitum: minimal
Stomach	Erosion,glandular stomach: minimal

Following tissues : Not remarkable

Adrenal, Bone,femur, Bone marrow,femur, Brain(cerebrum,cerebellum,pons
Coagulating gland, Epididymis, Eye, Intestine,duodenum, Intestine,jejunum
Intestine,ileum, Intestine,cecum, Intestine,colon, Intestine,rectum, Kidney
Lymph node,mesenteric, Lymph node,submandibular, Liver, Lung(bronchus)
Mammary gland,inguinal, Medulla oblongata, Muscle,quadriceps femoris
Optic nerve, Parathyroid, Pancreas, Pituitary, Peyer's patch,ileal
Salivary gland,submandibular, Skin,inguinal, Sciatic nerve, Spleen
Seminal vesicle, Spinal cord,thoracic, Testis, Thymus, Trachea, Thyroid
Urinary bladder

Appendix 9-105(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 4011 Male 1000 mg/kg Day 57 End of recovery period

Gross pathology:

All tissues	Not remarkable

Histopathology:

Pituitary	Cyst,pars distalis: minimal
Prostate	Infiltrate,inflammatory cell,interstitum: minimal

Following tissues : Not remarkable

Adrenal, Bone,femur, Bone marrow,femur, Brain(cerebrum,cerebellum,pons
Coagulating gland, Epididymis, Eye, Heart, Intestine,duodenum, Intestine,jejunum
Intestine,ileum, Intestine,cecum, Intestine,colon, Intestine,rectum, Kidney
Lymph node,mesenteric, Lymph node,submandibular, Liver, Lung(bronchus)
Mammary gland,inguinal, Medulla oblongata, Muscle,quadriceps femoris
Optic nerve, Parathyroid, Pancreas, Peyer's patch,ileal
Salivary gland,submandibular, Skin,inguinal, Sciatic nerve, Spleen, Stomach
Seminal vesicle, Spinal cord,thoracic, Testis, Thymus, Trachea, Thyroid
Urinary bladder

Appendix 9-106(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 4012 Male 1000 mg/kg Day 57 End of recovery period

Gross pathology:

All tissues Not remarkable

Histopathology:

Following tissues : Not remarkable

Adrenal, Bone,femur, Bone marrow,femur, Brain(cerebrum,cerebellum,pons
Coagulating gland, Epididymis, Eye, Heart, Intestine,duodenum, Intestine,jejunum
Intestine,ileum, Intestine,cecum, Intestine,colon, Intestine,rectum, Kidney
Lymph node,mesenteric, Lymph node,submandibular, Liver, Lung(bronchus)
Mammary gland,inguinal, Medulla oblongata, Muscle,quadriceps femoris
Optic nerve, Parathyroid, Pancreas, Pituitary, Prostate, Peyer's patch,ileal
Salivary gland,submandibular, Skin,inguinal, Sciatic nerve, Spleen, Stomach
Seminal vesicle, Spinal cord,thoracic, Testis, Thymus, Trachea, Thyroid
Urinary bladder

Appendix 9-107(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 5106 Female 0 mg/kg Day 57 End of recovery period

Gross pathology:

All tissues Not remarkable

Histopathology:

Following tissues : Not remarkable

Adrenal, Bone,femur, Bone marrow,femur, Brain(cerebrum,cerebellum,pons, Eye
Heart, Intestine,duodenum, Intestine,jejunum, Intestine,ileum, Intestine,cecum
Intestine,colon, Intestine,rectum, Kidney, Lymph node,mesenteric
Lymph node,submandibular, Liver, Lung(bronchus), Mammary gland,inguinal
Medulla oblongata, Muscle,quadriceps femoris, Optic nerve, Ovary, Parathyroid
Pancreas, Pituitary, Peyer's patch,ileal, Salivary gland,submandibular
Skin,inguinal, Sciatic nerve, Spleen, Stomach, Spinal cord,thoracic, Thymus
Trachea, Thyroid, Urinary bladder, Uterus, Vagina

Appendix 9-108(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 5107 Female 0 mg/kg Day 57 End of recovery period

Gross pathology:

All tissues Not remarkable

Histopathology:

Following tissues : Not remarkable

Adrenal, Bone,femur, Bone marrow,femur, Brain(cerebrum,cerebellum,pons, Eye
Heart, Intestine,duodenum, Intestine,jejunum, Intestine,ileum, Intestine,cecum
Intestine,colon, Intestine,rectum, Kidney, Lymph node,mesenteric
Lymph node,submandibular, Liver, Lung(bronchus), Mammary gland,inguinal
Medulla oblongata, Muscle,quadriceps femoris, Optic nerve, Ovary, Parathyroid
Pancreas, Pituitary, Peyer's patch,ileal, Salivary gland,submandibular
Skin,inguinal, Sciatic nerve, Spleen, Stomach, Spinal cord,thoracic, Thymus
Trachea, Thyroid, Urinary bladder, Uterus, Vagina

Appendix 9-109(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 5108 Female 0 mg/kg Day 57 End of recovery period

Gross pathology:

All tissues Not remarkable

Histopathology:

Following tissues : Not remarkable

Adrenal, Bone,femur, Bone marrow,femur, Brain(cerebrum,cerebellum,pons, Eye
Heart, Intestine,duodenum, Intestine,jejunum, Intestine,ileum, Intestine,cecum
Intestine,colon, Intestine,rectum, Kidney, Lymph node,mesenteric
Lymph node,submandibular, Liver, Lung(bronchus), Mammary gland,inguinal
Medulla oblongata, Muscle,quadriceps femoris, Optic nerve, Ovary, Parathyroid
Pancreas, Pituitary, Peyer's patch,ileal, Salivary gland,submandibular
Skin,inguinal, Sciatic nerve, Spleen, Stomach, Spinal cord,thoracic, Thymus
Trachea, Thyroid, Urinary bladder, Uterus, Vagina

Appendix 9-110(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 5109 Female 0 mg/kg Day 57 End of recovery period

Gross pathology:

All tissues Not remarkable

Histopathology:

Following tissues : Not remarkable

Adrenal, Bone,femur, Bone marrow,femur, Brain(cerebrum,cerebellum,pons, Eye
Heart, Intestine,duodenum, Intestine,jejunum, Intestine,ileum, Intestine,cecum
Intestine,colon, Intestine,rectum, Kidney, Lymph node,mesenteric
Lymph node,submandibular, Liver, Lung(bronchus), Mammary gland,inguinal
Medulla oblongata, Muscle,quadriceps femoris, Optic nerve, Ovary, Parathyroid
Pancreas, Pituitary, Peyer's patch,ileal, Salivary gland,submandibular
Skin,inguinal, Sciatic nerve, Spleen, Stomach, Spinal cord,thoracic, Thymus
Trachea, Thyroid, Urinary bladder, Uterus, Vagina

Appendix 9-111(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 5110 Female 0 mg/kg Day 57 End of recovery period

Gross pathology:

All tissues Not remarkable

Histopathology:

Following tissues : Not remarkable

Adrenal, Bone,femur, Bone marrow,femur, Brain(cerebrum,cerebellum,pons, Eye
Heart, Intestine,duodenum, Intestine,jejunum, Intestine,ileum, Intestine,cecum
Intestine,colon, Intestine,rectum, Kidney, Lymph node,mesenteric
Lymph node,submandibular, Liver, Lung(bronchus), Mammary gland,inguinal
Medulla oblongata, Muscle,quadriceps femoris, Optic nerve, Ovary, Parathyroid
Pancreas, Pituitary, Peyer's patch,ileal, Salivary gland,submandibular
Skin,inguinal, Sciatic nerve, Spleen, Stomach, Spinal cord,thoracic, Thymus
Trachea, Thyroid, Urinary bladder, Uterus, Vagina

Appendix 9-112(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 6106 Female 1000 mg/kg Day 57 End of recovery period

Gross pathology:

All tissues Not remarkable

Histopathology:

Following tissues : Not remarkable

Adrenal, Bone,femur, Bone marrow,femur, Brain(cerebrum,cerebellum,pons, Eye
Heart, Intestine,duodenum, Intestine,jejunum, Intestine,ileum, Intestine,cecum
Intestine,colon, Intestine,rectum, Kidney, Lymph node,mesenteric
Lymph node,submandibular, Liver, Lung(bronchus), Mammary gland,inguinal
Medulla oblongata, Muscle,quadriceps femoris, Optic nerve, Ovary, Parathyroid
Pancreas, Pituitary, Peyer's patch,ileal, Salivary gland,submandibular
Skin,inguinal, Sciatic nerve, Spleen, Stomach, Spinal cord,thoracic, Thymus
Trachea, Thyroid, Urinary bladder, Uterus, Vagina

Appendix 9-113(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 6107 Female 1000 mg/kg Day 57 End of recovery period

Gross pathology:

All tissues Not remarkable

Histopathology:

Following tissues : Not remarkable

Adrenal, Bone,femur, Bone marrow,femur, Brain(cerebrum,cerebellum,pons, Eye
Heart, Intestine,duodenum, Intestine,jejunum, Intestine,ileum, Intestine,cecum
Intestine,colon, Intestine,rectum, Kidney, Lymph node,mesenteric
Lymph node,submandibular, Liver, Lung(bronchus), Mammary gland,inguinal
Medulla oblongata, Muscle,quadriceps femoris, Optic nerve, Ovary, Parathyroid
Pancreas, Pituitary, Peyer's patch,ileal, Salivary gland,submandibular
Skin,inguinal, Sciatic nerve, Spleen, Stomach, Spinal cord,thoracic, Thymus
Trachea, Thyroid, Urinary bladder, Uterus, Vagina

Appendix 9-114(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 6108 Female 1000 mg/kg Day 57 End of recovery period

Gross pathology:

All tissues Not remarkable

Histopathology:

Following tissues : Not remarkable

Adrenal, Bone,femur, Bone marrow,femur, Brain(cerebrum,cerebellum,pons, Eye
Heart, Intestine,duodenum, Intestine,jejunum, Intestine,ileum, Intestine,cecum
Intestine,colon, Intestine,rectum, Kidney, Lymph node,mesenteric
Lymph node,submandibular, Liver, Lung(bronchus), Mammary gland,inguinal
Medulla oblongata, Muscle,quadriceps femoris, Optic nerve, Ovary, Parathyroid
Pancreas, Pituitary, Peyer's patch,ileal, Salivary gland,submandibular
Skin,inguinal, Sciatic nerve, Spleen, Stomach, Spinal cord,thoracic, Thymus
Trachea, Thyroid, Urinary bladder, Uterus, Vagina

Appendix 9-115(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 6109 Female 1000 mg/kg Day 57 End of recovery period

Gross pathology:

All tissues	Not remarkable

Histopathology:

Intestine,cecum	Infiltrate,inflammatory cell,mucosa: minimal

Following tissues : Not remarkable

Adrenal, Bone,femur, Bone marrow,femur, Brain(cerebrum,cerebellum,pons, Eye
Heart, Intestine,duodenum, Intestine,jejunum, Intestine,ileum, Intestine,colon
Intestine,rectum, Kidney, Lymph node,mesenteric, Lymph node,submandibular, Liver
Lung(bronchus), Mammary gland,inguinal, Medulla oblongata
Muscle,quadriceps femoris, Optic nerve, Ovary, Parathyroid, Pancreas, Pituitary
Peyer's patch,ileal, Salivary gland,submandibular, Skin,inguinal, Sciatic nerve
Spleen, Stomach, Spinal cord,thoracic, Thymus, Trachea, Thyroid, Urinary bladder
Uterus, Vagina

Appendix 9-116(1/1) 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Individual gross and histopathological findings

Animal No. 6110 Female 1000 mg/kg Day 57 End of recovery period

Gross pathology:

All tissues Not remarkable

Histopathology:

Following tissues : Not remarkable

Adrenal, Bone,femur, Bone marrow,femur, Brain(cerebrum,cerebellum,pons, Eye
Heart, Intestine,duodenum, Intestine,jejunum, Intestine,ileum, Intestine,cecum
Intestine,colon, Intestine,rectum, Kidney, Lymph node,mesenteric
Lymph node,submandibular, Liver, Lung(bronchus), Mammary gland,inguinal
Medulla oblongata, Muscle,quadriceps femoris, Optic nerve, Ovary, Parathyroid
Pancreas, Pituitary, Peyer's patch,ileal, Salivary gland,submandibular
Skin,inguinal, Sciatic nerve, Spleen, Stomach, Spinal cord,thoracic, Thymus
Trachea, Thyroid, Urinary bladder, Uterus, Vagina

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2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Study No. : R-1270

Estrus cycles and copulation

Generation : F0 Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	/Before mating (day) 1	2	3	4	5	6	7	8	9	10	11	12	13	14
1101	M	D	P	E	M	D	P	E	M	D	P	E	M	D
1102	P	E	M	D	P	E	M	D	P	E	M	D	P	E
1103	P	E	M	D	P	E	M	D	P	E	M	D	P	E
1104	E	M	D	P	E	M	D	P	E	M	D	P	E	M
1105	M	D	P	E	M	D	P	E	M	D	P	E	M	D
1106	D	P	E	M	D	P	E	M	D	P	E	M	D	P
1107	D	P	E	M	D	P	E	M	D	P	E	M	D	P
1108	D	P	E	M	D	P	E	M	D	P	E	M	D	P
1109	D	P	E	M	D	P	E	M	D	P	E	M	D	P
1110	P	E	M	D	P	E	M	D	P	E	M	D	P	E
1111	P	E	M	D	P	E	M	D	P	E	E	M	D	P
1112	E	M	D	P	E	M	D	P	E	M	D	P	E	M

P : Proestrus, E : Estrus, M : Metestrus, D : Diestrus, - : Smear was not sampled or missing value

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

Appendix 10 - 2

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Study No. : R-1270

Estrus cycles and copulation

Generation : F0 Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	/Before mating (day) 15	Length of estrous cycle (days)			Mean	Number of estrus	Animal with abnormal estrous cycle
1101	P	4	4		4.0	3	-
1102	E	4	4	4	4.0	4	-
1103	M	4	4	4	4.0	4	-
1104	D	4	4	4	4.0	4	-
1105	P	4	4		4.0	3	-
1106	E	4	4	4	4.0	4	-
1107	E	4	4	4	4.0	4	-
1108	E	4	4	4	4.0	4	-
1109	E	4	4	4	4.0	4	-
1110	M	4	4	4	4.0	4	-
1111	E	4	4	5	4.3	4	-
1112	D	4	4	4	4.0	4	-

P : Proestrus, E : Estrus, M : Metestrus, D : Diestrus, - : Smear was not sampled or missing value

- : Animal with normal and regular cycle

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

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2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Study No. : R-1270

Estrus cycles and copulation

Generation : F0 Dose : EHOEE 100 mg/kg Species : Rat

Animal No.	/Before mating (day) 1	2	3	4	5	6	7	8	9	10	11	12	13	14
2101	M	D	P	E	M	D	P	E	M	D	P	E	M	D
2102	P	E	M	D	P	E	M	D	P	E	M	D	P	E
2103	D	P	E	M	D	P	E	M	D	P	E	M	D	P
2104	P	E	M	D	P	E	M	D	P	E	M	D	P	E
2105	E	M	D	P	E	M	D	P	E	M	D	D	P	E
2106	D	P	E	M	D	P	E	M	D	P	E	M	D	P
2107	D	P	E	M	D	P	E	M	D	P	E	M	D	P
2108	P	E	M	D	P	E	M	D	P	E	M	D	P	E
2109	D	P	E	M	D	P	E	M	D	P	E	M	D	P
2110	E	M	D	P	E	M	D	P	E	M	D	D	P	E
2111	E	M	D	P	E	M	D	P	E	M	D	P	E	M
2112	M	D	P	E	M	D	P	E	E	M	D	P	E	E

P : Proestrus, E : Estrus, M : Metestrus, D : Diestrus, - : Smear was not sampled or missing value

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

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2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Study No. : R-1270

Estrus cycles and copulation

Generation : F0 Dose : EHOEE 100 mg/kg Species : Rat

Animal No.	/Before mating (day) 15	Length of estrous cycle (days)			Mean	Number of estrus	Animal with abnormal estrous cycle
2101	P	4	4		4.0	3	-
2102	M	4	4	4	4.0	4	-
2103	E	4	4	4	4.0	4	-
2104	M	4	4	4	4.0	4	-
2105	M	4	4	5	4.3	4	-
2106	E	4	4	4	4.0	4	-
2107	E	4	4	4	4.0	4	-
2108	M	4	4	4	4.0	4	-
2109	E	4	4	4	4.0	4	-
2110	M	4	4	5	4.3	4	-
2111	D	4	4	4	4.0	4	-
2112	M	4	5		4.5	3	-

P : Proestrus, E : Estrus, M : Metestrus, D : Diestrus, - : Smear was not sampled or missing value

- : Animal with normal and regular cycle

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

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2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Study No. : R-1270

Estrus cycles and copulation

Generation : F0 Dose : EHOEE 300 mg/kg Species : Rat

Animal No.	/Before mating (day) 1	2	3	4	5	6	7	8	9	10	11	12	13	14
3101	P	E	M	D	D	P	E	M	D	D	P	E	M	D
3102	E	M	D	P	E	M	D	P	E	M	D	P	E	M
3103	P	E	M	D	P	E	M	D	P	E	M	D	P	E
3104	M	D	P	E	M	D	P	E	M	D	P	E	M	D
3105	P	E	M	D	P	E	M	D	P	E	M	D	P	E
3106	D	P	E	M	D	P	E	M	D	P	E	M	D	P
3107	M	D	P	E	M	D	P	E	M	D	P	E	M	D
3108	E	M	D	P	E	M	D	P	E	M	D	P	E	M
3109	P	E	M	D	P	E	M	D	P	E	M	D	P	E
3110	D	P	E	M	D	P	E	M	D	D	P	E	M	D
3111	M	D	P	E	M	D	P	E	M	D	P	E	M	D
3112	E	M	D	P	E	M	D	P	E	M	D	P	E	M

P : Proestrus, E : Estrus, M : Metestrus, D : Diestrus, - : Smear was not sampled or missing value

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

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2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Study No. : R-1270

Estrus cycles and copulation

Generation : F0 Dose : EHOEE 300 mg/kg Species : Rat

Animal No.	/Before mating (day) 15	Length of estrous cycle (days)			Mean	Number of estrus	Animal with abnormal estrous cycle
3101	D	5	5		5.0	3	-
3102	D	4	4	4	4.0	4	-
3103	M	4	4	4	4.0	4	-
3104	P	4	4		4.0	3	-
3105	M	4	4	4	4.0	4	-
3106	E	4	4	4	4.0	4	-
3107	P	4	4		4.0	3	-
3108	D	4	4	4	4.0	4	-
3109	M	4	4	4	4.0	4	-
3110	P	4	5		4.5	3	-
3111	P	4	4		4.0	3	-
3112	D	4	4	4	4.0	4	-

P : Proestrus, E : Estrus, M : Metestrus, D : Diestrus, - : Smear was not sampled or missing value

- : Animal with normal and regular cycle

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

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2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Study No. : R-1270

Estrus cycles and copulation

Generation : F0 Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	/Before mating (day) 1	2	3	4	5	6	7	8	9	10	11	12	13	14
4101	D	P	E	M	D	P	E	M	D	P	E	E	M	D
4102	E	M	D	P	E	M	D	P	E	M	D	P	E	M
4103	M	D	P	E	M	D	P	E	M	D	P	E	M	D
4104	D	P	E	M	D	P	E	M	D	P	E	M	D	P
4105	P	E	M	D	P	E	M	D	P	E	M	D	P	E
4106	M	D	P	E	M	D	P	E	M	D	P	E	M	D
4107	M	D	P	E	M	D	P	E	M	D	P	E	M	D
4108	M	D	D	P	E	M	D	P	E	M	D	D	P	E
4109	P	E	M	D	P	E	M	D	P	E	M	D	P	E
4110	D	P	E	M	D	P	E	M	D	P	E	M	D	P
4111	M	D	P	E	M	D	P	E	M	D	P	E	M	D
4112	D	P	E	M	D	P	E	M	D	P	E	E	M	D

P : Proestrus, E : Estrus, M : Metestrus, D : Diestrus, - : Smear was not sampled or missing value

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

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2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Study No. : R-1270

Estrus cycles and copulation

Generation : F0 Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	/Before mating (day) 15	Length of estrous cycle (days)			Mean	Number of estrus	Animal with abnormal estrous cycle
4101	P	4	4		4.0	3	-
4102	D	4	4	4	4.0	4	-
4103	P	4	4		4.0	3	-
4104	E	4	4	4	4.0	4	-
4105	E	4	4	4	4.0	4	-
4106	P	4	4		4.0	3	-
4107	P	4	4		4.0	3	-
4108	M	4	5		4.5	3	-
4109	M	4	4	4	4.0	4	-
4110	E	4	4	4	4.0	4	-
4111	P	4	4		4.0	3	-
4112	P	4	4		4.0	3	-

P : Proestrus, E : Estrus, M : Metestrus, D : Diestrus, - : Smear was not sampled or missing value

- : Animal with normal and regular cycle

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

Appendix 11 - 1 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Reproductive performance

Generation : F0 Sex : Male Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	Elapsed day of conceiving	1st mating Paired animal	Copulation a)	Fertility b)
1001	1	1101	+	+
1002	1	1102	+	+
1003	3	1103	+	+
1004	2	1104	+	+
1005	1	1105	+	+
1006	4	1106	+	-
1007	4	1107	+	+
1008	4	1108	+	+
1009	4	1109	+	+
1010	3	1110	+	+
1011	4	1111	+	+
1012	2	1112	+	+
n	12		12	12
Mean	2.8			
S.D.	1.3			
No. of positives			12	11
%			100.0 c)	91.7 d)

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals
a) + : Copulation
b) + : Pregnancy, - : Non-pregnancy
c) : (Number of copulated animals / Number of mated animals)x 100
d) : (Number of males which impregnated females / Number of copulated males)x 100

Appendix 11 - 2 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Reproductive performance

Generation : F0 Sex : Male Dose : EHOEE 100 mg/kg Species : Rat

Animal No.	Elapsed day of conceiving	1st mating Paired animal	Copulation a)	Fertility b)
2001	1	2101	+	+
2002	3	2102	+	+
2003	4	2103	+	+
2004	4	2104	+	+
2005	3	2105	+	+
2006	4	2106	+	+
2007	4	2107	+	+
2008	3	2108	+	+
2009	4	2109	+	+
2010	3	2110	+	+
2011	2	2111	+	+
2012	4	2112	+	+
n	12		12	12
Mean	3.3			
S.D.	1.0			
No. of positives			12	12
%			100.0 c)	100.0 d)

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals
a) + : Copulation
b) + : Pregnancy
c) : (Number of copulated animals / Number of mated animals)x 100
d) : (Number of males which impregnated females / Number of copulated males)x 100

Appendix 11 - 3 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Reproductive performance

Generation : F0 Sex : Male Dose : EHOEE 300 mg/kg Species : Rat

Animal No.	Elapsed day of conceiving	1st mating Paired animal	Copulation a)	Fertility b)
3001	2	3101	+	+
3002	2	3102	+	+
3003	3	3103	+	+
3004	1	3104	+	+
3005	3	3105	+	+
3006	4	3106	+	+
3007	1	3107	+	+
3008	2	3108	+	+
3009	3	3109	+	+
3010	1	3110	+	+
3011	1	3111	+	+
3012	2	3112	+	+
n	12		12	12
Mean	2.1			
S.D.	1.0			
No. of positives			12	12
%			100.0 c)	100.0 d)

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals
a) + : Copulation
b) + : Pregnancy
c) : (Number of copulated animals / Number of mated animals)x 100
d) : (Number of males which impregnated females / Number of copulated males)x 100

Appendix 11 - 4 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Reproductive performance

Generation : F0 Sex : Male Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	Elapsed day of conceiving	1st mating Paired animal	Copulation a)	Fertility b)
4001	2	4101	+	+
4002	2	4102	+	+
4003	1	4103	+	+
4004	1	4104	+	+
4005	4	4105	+	+
4006	1	4106	+	+
4007	1	4107	+	+
4008	3	4108	+	+
4009	3	4109	+	+
4010	4	4110	+	+
4011	2	4111	+	+
4012	2	4112	+	+
n	12		12	12
Mean	2.2			
S.D.	1.1			
No. of positives			12	12
%			100.0 c)	100.0 d)

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals
a) + : Copulation
b) + : Pregnancy
c) : (Number of copulated animals / Number of mated animals)x 100
d) : (Number of males which impregnated females / Number of copulated males)x 100

Appendix 11 - 5 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Reproductive performance

Generation : F0 Sex : Female Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	Elapsed day of conceiving	1st mating Paired animal	Copulation a)	Fertility b)
1101	1	1001	+	+
1102	1	1002	+	+
1103	3	1003	+	+
1104	2	1004	+	+
1105	1	1005	+	+
1106	4	1006	+	-
1107	4	1007	+	+
1108	4	1008	+	+
1109	4	1009	+	+
1110	3	1010	+	+
1111	4	1011	+	+
1112	2	1012	+	+
n	12		12	12
Mean	2.8			
S.D.	1.3			
No. of positives			12	11
%			100.0 c)	91.7 d)

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals
a) + : Copulation
b) + : Pregnancy, - : Non-pregnancy
c) : (Number of copulated animals / Number of mated animals)x 100
d) : (Number of pregnant females / Number of copulated females)x 100

Appendix 11 - 6 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Reproductive performance

Generation : F0 Sex : Female Dose : EHOEE 100 mg/kg Species : Rat

Animal No.	Elapsed day of conceiving	1st mating Paired animal	Copulation a)	Fertility b)
2101	1	2001	+	+
2102	3	2002	+	+
2103	4	2003	+	+
2104	4	2004	+	+
2105	3	2005	+	+
2106	4	2006	+	+
2107	4	2007	+	+
2108	3	2008	+	+
2109	4	2009	+	+
2110	3	2010	+	+
2111	2	2011	+	+
2112	4	2012	+	+
n	12		12	12
Mean	3.3			
S.D.	1.0			
No. of positives			12	12
%			100.0 c)	100.0 d)

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals
a) + : Copulation
b) + : Pregnancy
c) : (Number of copulated animals / Number of mated animals)x 100
d) : (Number of pregnant females / Number of copulated females)x 100

Appendix 11 - 7 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Reproductive performance

Generation : F0 Sex : Female Dose : EHOEE 300 mg/kg Species : Rat

Animal No.	Elapsed day of conceiving	1st mating Paired animal	Copulation a)	Fertility b)
3101	2	3001	+	+
3102	2	3002	+	+
3103	3	3003	+	+
3104	1	3004	+	+
3105	3	3005	+	+
3106	4	3006	+	+
3107	1	3007	+	+
3108	2	3008	+	+
3109	3	3009	+	+
3110	1	3010	+	+
3111	1	3011	+	+
3112	2	3012	+	+
n	12		12	12
Mean	2.1			
S.D.	1.0			
No. of positives			12	12
%			100.0 c)	100.0 d)

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals
a) + : Copulation
b) + : Pregnancy
c) : (Number of copulated animals / Number of mated animals)x 100
d) : (Number of pregnant females / Number of copulated females)x 100

Appendix 11 - 8 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Reproductive performance

Generation : F0 Sex : Female Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	Elapsed day of conceiving	1st mating Paired animal	Copulation a)	Fertility b)
4101	2	4001	+	+
4102	2	4002	+	+
4103	1	4003	+	+
4104	1	4004	+	+
4105	4	4005	+	+
4106	1	4006	+	+
4107	1	4007	+	+
4108	3	4008	+	+
4109	3	4009	+	+
4110	4	4010	+	+
4111	2	4011	+	+
4112	2	4012	+	+
n	12		12	12
Mean	2.2			
S.D.	1.1			
No. of positives			12	12
%			100.0 c)	100.0 d)

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of animals
a) + : Copulation
b) + : Pregnancy
c) : (Number of copulated animals / Number of mated animals)x 100
d) : (Number of pregnant females / Number of copulated females)x 100

Appendix 12 - 1 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Delivery data

Generation : F0 Dose : EHOEE 0 mg/kg Species : Rat

Dam No.	Gestation period (day)	Number of implan-tation	Delivery index (%) a)	Live birth index (%) b)	Number of offspring	Number of live newborns			Number of dead newborns			
						M	F	Total	M	F	U	Total
1101	22	15(7/8)	100.0	100.0	15	4	11	15	0	0	0	0
1102	22.5	8(8/0)	100.0	100.0	8	3	5	8	0	0	0	0
1103	22	14(8/6)	92.9	100.0	13	6	7	13	0	0	0	0
1104	22	19(8/11)	84.2	100.0	16	11	5	16	0	0	0	0
1105	22.5	17(7/10)	94.1	93.8	16	8	7	15	1	0	0	1
1107	21.5	16(8/8)	100.0	100.0	16	7	9	16	0	0	0	0
1108	22	16(8/8)	100.0	93.8	16	12	3	15	0	1	0	1
1109	23	18(10/8)	94.4	100.0	17	11	6	17	0	0	0	0
1110	22	15(8/7)	100.0	100.0	15	9	6	15	0	0	0	0
1111	22.5	13(8/5)	92.3	100.0	12	5	7	12	0	0	0	0
1112	22.5	3(3/0)	100.0	100.0	3	2	1	3	0	0	0	0
n	11	11	11	11	11	11	11	11	11	11	11	11
Mean	22.2	14.0	96.2	98.9	13.4	7.1	6.1	13.2	0.1	0.1	0.0	0.2
S.D.	0.4	4.7	5.1	2.5	4.3	3.4	2.7	4.2	0.3	0.3	0.0	0.4

(/) : Right/Left, M : Male, F : Female, U : Unable to be sexed

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

n: Number of dams

a): (Number of delivered pups / Number of implantation) x 100

b): (Number of liveborns / Number of delivered pups) x 100

Appendix 12 - 2 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Delivery data

Generation : F0 Dose : EHOEE 100 mg/kg Species : Rat

Dam No.	Gestation period (day)	Number of implan-tation	Delivery index (%) a)	Live birth index (%) b)	Number of offspring	Number of live newborns			Number of dead newborns			
						M	F	Total	M	F	U	Total
2101	22.5	15(4/11)	100.0	86.7	15	6	7	13	2	0	0	2
2102	22	22(9/13)	90.9	100.0	20	12	8	20	0	0	0	0
2103	22.5	8(6/2)	87.5	100.0	7	4	3	7	0	0	0	0
2104	22.5	14(9/5)	85.7	100.0	12	2	10	12	0	0	0	0
2105	22	13(7/6)	92.3	100.0	12	4	8	12	0	0	0	0
2106	22	18(11/7)	100.0	100.0	18	10	8	18	0	0	0	0
2107	22.5	17(7/10)	100.0	100.0	17	7	10	17	0	0	0	0
2108	22	17(10/7)	94.1	100.0	16	8	8	16	0	0	0	0
2109	21.5	19(10/9)	94.7	94.4	18	8	9	17	1	0	0	1
2110	21.5	16(9/7)	100.0	100.0	16	10	6	16	0	0	0	0
2111	22	13(9/4)	100.0	100.0	13	5	8	13	0	0	0	0
2112	22	14(11/3)	92.9	100.0	13	6	7	13	0	0	0	0
n	12	12	12	12	12	12	12	12	12	12	12	12
Mean	22.1	15.5	94.8	98.4	14.8	6.8	7.7	14.5	0.3	0.0	0.0	0.3
S.D.	0.4	3.6	5.2	4.0	3.5	2.9	1.9	3.5	0.6	0.0	0.0	0.6

(/) : Right/Left, M : Male, F : Female, U : Unable to be sexed

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

n: Number of dams

a): (Number of delivered pups / Number of implantation) x 100

b): (Number of liveborns / Number of delivered pups) x 100

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Delivery data

Generation : F0 Dose : EHOEE 300 mg/kg Species : Rat

Dam No.	Gestation period (day)	Number of implan-tation	Delivery index (%) a)	Live birth index (%) b)	Number of offspring	Number of live newborns			Number of dead newborns			
						M	F	Total	M	F	U	Total
3101	22	17(10/7)	94.1	100.0	16	5	11	16	0	0	0	0
3102	22	17(12/5)	100.0	94.1	17	9	7	16	0	1	0	1
3103	22.5	17(10/7)	94.1	100.0	16	9	7	16	0	0	0	0
3104	22	15(5/10)	93.3	100.0	14	10	4	14	0	0	0	0
3105	22	17(10/7)	94.1	100.0	16	5	11	16	0	0	0	0
3106	22.5	18(5/13)	100.0	88.9	18	8	8	16	1	1	0	2
3107	22	15(10/5)	86.7	100.0	13	8	5	13	0	0	0	0
3108	22	15(11/4)	86.7	100.0	13	8	5	13	0	0	0	0
3109	22	18(7/11)	100.0	100.0	18	8	10	18	0	0	0	0
3110	22	14(8/6)	92.9	84.6	13	5	6	11	2	0	0	2
3111	22	17(8/9)	82.4	100.0	14	5	9	14	0	0	0	0
3112	22	16(9/7)	93.8	100.0	15	12	3	15	0	0	0	0
n	12	12	12	12	12	12	12	12	12	12	12	12
Mean	22.1	16.3	93.2	97.3	15.3	7.7	7.2	14.8	0.3	0.2	0.0	0.4
S.D.	0.2	1.3	5.6	5.3	1.9	2.3	2.7	1.9	0.6	0.4	0.0	0.8

(/) : Right/Left, M : Male, F : Female, U : Unable to be sexed
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams
a): (Number of delivered pups / Number of implantation) x 100
b): (Number of liveborns / Number of delivered pups) x 100

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Delivery data

Generation : F0 Dose : EHOEE 1000 mg/kg Species : Rat

Dam No.	Gestation period (day)	Number of implan-tation	Delivery index (%) a)	Live birth index (%) b)	Number of offspring	Number of live newborns			Number of dead newborns			
						M	F	Total	M	F	U	Total
4101	22	15(9/6)	93.3	100.0	14	4	10	14	0	0	0	0
4102	21.5	16(8/8)	100.0	100.0	16	11	5	16	0	0	0	0
4103	22	16(5/11)	93.8	100.0	15	10	5	15	0	0	0	0
4104	22	14(5/9)	85.7	100.0	12	8	4	12	0	0	0	0
4105	22.5	15(7/8)	93.3	100.0	14	6	8	14	0	0	0	0
4106	23	7(4/3)	100.0	100.0	7	1	6	7	0	0	0	0
4107	23	18(9/9)	83.3	80.0	15	5	7	12	3	0	0	3
4108	22.5	20(8/12)	95.0	94.7	19	10	8	18	1	0	0	1
4109	22.5	17(12/5)	70.6	100.0	12	7	5	12	0	0	0	0
4110	23	14(8/6)	64.3	100.0	9	5	4	9	0	0	0	0
4111	22	17(9/8)	100.0	100.0	17	8	9	17	0	0	0	0
4112	22.5	17(8/9)	100.0	94.1	17	7	9	16	1	0	0	1
n	12	12	12	12	12	12	12	12	12	12	12	12
Mean	22.4	15.5	89.9	97.4	13.9	6.8	6.7	13.5	0.4	0.0	0.0	0.4
S.D.	0.5	3.2	11.9	5.9	3.4	2.9	2.1	3.3	0.9	0.0	0.0	0.9

(/) : Right/Left, M : Male, F : Female, U : Unable to be sexed
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams
a): (Number of delivered pups / Number of implantation) x 100
b): (Number of liveborns / Number of delivered pups) x 100

Appendix 13 - 1 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

External examination of offspring Unit : Number of anomalous offspring (incidence %) Days after birth : 0

Generation : F0 Dose : EHOEE 0 mg/kg Species : Rat

Dam No.	Number of offspring examined	/Findings E051
1101	15	No anomaly
1102	8	No anomaly
1103	13	No anomaly
1104	16	No anomaly
1105	16	No anomaly
1107	16	No anomaly
1108	16	No anomaly
1109	17	No anomaly
1110	15	No anomaly
1111	12	1(8.3)
1112	3	No anomaly
Total	147	1
n	11	
Mean		0.8
S.D.		2.5

Mean : Average of incidence (%) : (Number of pups with external anomalies / Number of delivered pups) x 100
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams
E051 : Cleft lip
"No anomaly" was calculated as "0".

Appendix 13 - 2 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

External examination of offspring Unit : Number of anomalous offspring (incidence %) Days after birth : 0

Generation : F0 Dose : EHOEE 100 mg/kg Species : Rat

Dam No.	Number of offspring examined	/Findings
2101	15	No anomaly
2102	20	No anomaly
2103	7	No anomaly
2104	12	No anomaly
2105	12	No anomaly
2106	18	No anomaly
2107	17	No anomaly
2108	16	No anomaly
2109	18	No anomaly
2110	16	No anomaly
2111	13	No anomaly
2112	13	No anomaly
Total	177	
n	12	
Mean		
S.D.		

Mean : Average of incidence (%) : (Number of pups with external anomalies / Number of delivered pups) x 100
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams
"No anomaly" was calculated as "0".

Appendix 13 - 3 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

External examination of offspring Unit : Number of anomalous offspring (incidence %) Days after birth : 0

Generation : F0 Dose : EHOEE 300 mg/kg Species : Rat

Dam No.	Number of offspring examined	/Findings E100
3101	16	No anomaly
3102	17	No anomaly
3103	16	No anomaly
3104	14	No anomaly
3105	16	1(6.3)
3106	18	No anomaly
3107	13	No anomaly
3108	13	No anomaly
3109	18	No anomaly
3110	13	No anomaly
3111	14	No anomaly
3112	15	No anomaly
Total	183	1
n	12	
Mean		0.5
S.D.		1.8

Mean : Average of incidence (%) : (Number of pups with external anomalies / Number of delivered pups) x 100
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams
E100 : Kinked tail
"No anomaly" was calculated as "0".

Appendix 13 - 4 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

External examination of offspring Unit : Number of anomalous offspring (incidence %) Days after birth : 0

Generation : F0 Dose : EHOEE 1000 mg/kg Species : Rat

Dam No.	Number of offspring examined	/Findings
4101	14	No anomaly
4102	16	No anomaly
4103	15	No anomaly
4104	12	No anomaly
4105	14	No anomaly
4106	7	No anomaly
4107	15	No anomaly
4108	19	No anomaly
4109	12	No anomaly
4110	9	No anomaly
4111	17	No anomaly
4112	17	No anomaly
Total	167	
n	12	
Mean		
S.D.		

Mean : Average of incidence (%) : (Number of pups with external anomalies / Number of delivered pups) x 100
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams
"No anomaly" was calculated as "0".

Appendix 14 - 1 | 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats | Study No. : R-1270

Anogenital of offspring

Generation : F0 | Dose : EHOEE 0 mg/kg | Unit : mm | Species : Rat

Dam No.	Sex	/Days after birth 0 n	AGD	Normalized a) AGD
1101	Male	4	2.2	1.2
	Female	11	0.9	0.5
1102	Male	3	2.4	1.3
	Female	5	1.1	0.6
1103	Male	6	2.2	1.2
	Female	7	0.9	0.5
1104	Male	11	2.6	1.4
	Female	5	0.8	0.4
1105	Male	8	2.6	1.4
	Female	7	0.9	0.5
1107	Male	7	2.4	1.3
	Female	9	0.9	0.5
1108	Male	12	2.4	1.3
	Female	3	0.9	0.5
1109	Male	11	2.4	1.3
	Female	6	0.7	0.4
1110	Male	9	2.3	1.3
	Female	6	0.8	0.5
1111	Male	5	2.4	1.3
	Female	7	1.0	0.5
1112	Male	2	2.4	1.2
	Female	1	1.0	0.5
n	Male	78		
	Female	67		
Mean	Male		2.4	1.3
	Female		0.9	0.5
S.D.	Male		0.1	0.1
	Female		0.1	0.1

AGD : Anogenital Distance
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of offspring
a): AGD (mm) / Cube root of body weight (g)

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Anogenital of offspring

Generation : F0 Dose : EHOEE 100 mg/kg Unit : mm Species : Rat

Dam No.	Sex	/Days after birth 0 n	AGD	Normalized a) AGD
2101	Male	6	2.5	1.3
	Female	7	0.8	0.4
2102	Male	12	2.3	1.3
	Female	8	0.9	0.5
2103	Male	4	2.5	1.3
	Female	3	0.9	0.5
2104	Male	2	2.5	1.3
	Female	10	0.9	0.5
2105	Male	4	2.3	1.2
	Female	8	0.9	0.5
2106	Male	10	2.3	1.3
	Female	8	0.9	0.5
2107	Male	7	2.3	1.3
	Female	10	0.9	0.5
2108	Male	8	2.3	1.3
	Female	8	0.8	0.5
2109	Male	8	2.4	1.3
	Female	9	0.8	0.5
2110	Male	10	2.2	1.2
	Female	6	0.8	0.5
2111	Male	5	2.3	1.2
	Female	8	0.9	0.5
2112	Male	6	2.5	1.3
	Female	7	0.8	0.4
n	Male	82		
	Female	92		
Mean	Male		2.4	1.3
	Female		0.9	0.5
S.D.	Male		0.1	0.0
	Female		0.1	0.0

AGD : Anogenital Distance
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of offspring
a): AGD (mm) / Cube root of body weight (g)

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Anogenital of offspring

Generation : F0 | Dose : EHOEE 300 mg/kg | Unit : mm | Species : Rat

Dam No.	Sex	/Days after birth 0 n	AGD	Normalized a) AGD
3101	Male	5	2.3	1.2
	Female	11	0.8	0.4
3102	Male	9	2.5	1.3
	Female	7	0.9	0.5
3103	Male	9	2.5	1.4
	Female	7	0.9	0.5
3104	Male	10	2.3	1.2
	Female	4	0.8	0.5
3105	Male	5	2.2	1.1
	Female	11	0.9	0.5
3106	Male	8	2.3	1.2
	Female	8	0.9	0.5
3107	Male	8	2.3	1.2
	Female	5	0.9	0.5
3108	Male	8	2.3	1.3
	Female	5	0.8	0.4
3109	Male	8	2.4	1.3
	Female	10	0.9	0.5
3110	Male	5	2.1	1.1
	Female	6	0.8	0.4
3111	Male	5	2.4	1.2
	Female	9	0.7	0.4
3112	Male	12	2.2	1.2
	Female	3	0.8	0.4
n	Male	92		
	Female	86		
Mean	Male		2.3	1.2
	Female		0.8	0.5
S.D.	Male		0.1	0.1
	Female		0.1	0.1

AGD : Anogenital Distance
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of offspring
a): AGD (mm) / Cube root of body weight (g)

Appendix 14 - 4

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Study No. : R-1270

Anogenital of offspring

Generation : F0 Dose : EHOEE 1000 mg/kg Unit : mm Species : Rat

Dam No.	Sex	/Days after birth 0 n	AGD	Normalized a) AGD
4101	Male	4	2.4	1.3
	Female	10	0.9	0.5
4102	Male	11	2.9	1.6
	Female	5	0.9	0.5
4103	Male	10	2.3	1.2
	Female	5	0.8	0.4
4104	Male	8	2.3	1.2
	Female	4	0.9	0.5
4105	Male	6	2.4	1.3
	Female	8	0.9	0.5
4106	Male	1	2.8	1.4
	Female	6	1.1	0.6
4107	Male	5	2.6	1.4
	Female	7	0.9	0.5
4108	Male	10	2.4	1.3
	Female	8	0.9	0.5
4109	Male	7	2.5	1.3
	Female	5	0.9	0.5
4110	Male	5	2.4	1.2
	Female	4	0.9	0.5
4111	Male	8	2.3	1.3
	Female	9	0.7	0.4
4112	Male	7	2.2	1.2
	Female	9	0.9	0.5
n	Male	82		
	Female	80		
Mean	Male		2.5	1.3
	Female		0.9	0.5
S.D.	Male		0.2	0.1
	Female		0.1	0.1

AGD : Anogenital Distance
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of offspring
a): AGD (mm) / Cube root of body weight (g)

Appendix 15 - 1 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Litter size and viability index of offspring

Generation : F0 Dose : EHOEE 0 mg/kg Species : Rat

	/Days after birth	0	4	4	4	13	13
			Pre-culled	Viability	Culled		Viability
Dam No.	Sex	Male/Female	Male/Female	index (%) a)	Male/Female	Male/Female	index (%) b)
1101	Total	15	15	100.0	8	8	100.0
		(4/11)	(4/11)		(4/4)	(4/4)	
1102	Total	8	8	100.0	8	7	87.5
		(3/5)	(3/5)		(3/5)	(2/5)	
1103	Total	13	13	100.0	8	8	100.0
		(6/7)	(6/7)		(4/4)	(4/4)	
1104	Total	16	16	100.0	8	8	100.0
		(11/5)	(11/5)		(4/4)	(4/4)	
1105	Total	15	15	100.0	8	8	100.0
		(8/7)	(8/7)		(4/4)	(4/4)	
1107	Total	16	16	100.0	8	8	100.0
		(7/9)	(7/9)		(4/4)	(4/4)	
1108	Total	15	15	100.0	8	8	100.0
		(12/3)	(12/3)		(5/3)	(5/3)	
1109	Total	17	16	94.1	8	8	100.0
		(11/6)	(11/5)		(4/4)	(4/4)	
1110	Total	15	14	93.3	8	8	100.0
		(9/6)	(8/6)		(4/4)	(4/4)	
1111	Total	12	11	91.7	8	8	100.0
		(5/7)	(5/6)		(4/4)	(4/4)	
1112	Total	3	3	100.0	3	3	100.0
		(2/1)	(2/1)		(2/1)	(2/1)	
Total		145	142		83	82	
Male/Female		78/67	77/65		42/41	41/41	
n		11	11	11	11	11	11
Mean				98.1			98.9
S.D.				3.3			3.8

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

n: Number of dams

a): (Number of pups alive on day 4 after birth / Number of live born pups) × 100

b): (Number of pups alive on day 13 after birth / Number of pups after culling on day 4 after birth) × 100

Appendix 15 - 2 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Litter size and viability index of offspring

Generation : F0 Dose : EHOEE 100 mg/kg Species : Rat

	/Days after birth	0	4	4	4	13	13
Dam No.	Sex	Male/Female	Pre-culled Male/Female	Viability index (%) a)	Culled Male/Female	Male/Female	Viability index (%) b)
2101	Total	13	11	84.6	8	8	100.0
		(6/7)	(5/6)		(4/4)	(4/4)	
2102	Total	20	20	100.0	8	8	100.0
		(12/8)	(12/8)		(4/4)	(4/4)	
2103	Total	7	7	100.0	7	7	100.0
		(4/3)	(4/3)		(4/3)	(4/3)	
2104	Total	12	12	100.0	8	8	100.0
		(2/10)	(2/10)		(2/6)	(2/6)	
2105	Total	12	12	100.0	8	8	100.0
		(4/8)	(4/8)		(4/4)	(4/4)	
2106	Total	18	18	100.0	8	8	100.0
		(10/8)	(10/8)		(4/4)	(4/4)	
2107	Total	17	16	94.1	8	8	100.0
		(7/10)	(7/9)		(4/4)	(4/4)	
2108	Total	16	16	100.0	8	8	100.0
		(8/8)	(8/8)		(4/4)	(4/4)	
2109	Total	17	17	100.0	8	8	100.0
		(8/9)	(8/9)		(4/4)	(4/4)	
2110	Total	16	16	100.0	8	8	100.0
		(10/6)	(10/6)		(4/4)	(4/4)	
2111	Total	13	13	100.0	8	8	100.0
		(5/8)	(5/8)		(4/4)	(4/4)	
2112	Total	13	13	100.0	8	8	100.0
		(6/7)	(6/7)		(4/4)	(4/4)	
Total		174	171		95	95	
Male/Female		82/92	81/90		46/49	46/49	
n		12	12	12	12	12	12
Mean				98.2			100.0
S.D.				4.6			0.0

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

n: Number of dams

a): (Number of pups alive on day 4 after birth / Number of live born pups) × 100

b): (Number of pups alive on day 13 after birth / Number of pups after culling on day 4 after birth) × 100

Appendix 15 - 3 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Litter size and viability index of offspring

Generation : F0 Dose : EHOEE 300 mg/kg Species : Rat

	/Days after birth	0	4	4	4	13	13
			Pre-culled	Viability	Culled		Viability
Dam No.	Sex	Male/Female	Male/Female	index (%) a)	Male/Female	Male/Female	index (%) b)
3101	Total	16	16	100.0	8	8	100.0
		(5/11)	(5/11)		(4/4)	(4/4)	
3102	Total	16	16	100.0	8	8	100.0
		(9/7)	(9/7)		(4/4)	(4/4)	
3103	Total	16	15	93.8	8	8	100.0
		(9/7)	(9/6)		(4/4)	(4/4)	
3104	Total	14	14	100.0	8	8	100.0
		(10/4)	(10/4)		(4/4)	(4/4)	
3105	Total	16	15	93.8	8	8	100.0
		(5/11)	(5/10)		(4/4)	(4/4)	
3106	Total	16	16	100.0	8	8	100.0
		(8/8)	(8/8)		(4/4)	(4/4)	
3107	Total	13	13	100.0	8	8	100.0
		(8/5)	(8/5)		(4/4)	(4/4)	
3108	Total	13	13	100.0	8	8	100.0
		(8/5)	(8/5)		(4/4)	(4/4)	
3109	Total	18	17	94.4	8	8	100.0
		(8/10)	(8/9)		(4/4)	(4/4)	
3110	Total	11	11	100.0	8	8	100.0
		(5/6)	(5/6)		(4/4)	(4/4)	
3111	Total	14	14	100.0	8	8	100.0
		(5/9)	(5/9)		(4/4)	(4/4)	
3112	Total	15	14	93.3	8	8	100.0
		(12/3)	(12/2)		(6/2)	(6/2)	
Total		178	174		96	96	
Male/Female		92/86	92/82		50/46	50/46	
n		12	12	12	12	12	12
Mean				97.9			100.0
S.D.				3.0			0.0

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

n: Number of dams

a): (Number of pups alive on day 4 after birth / Number of live born pups) × 100

b): (Number of pups alive on day 13 after birth / Number of pups after culling on day 4 after birth) × 100

Appendix 15 - 4 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Litter size and viability index of offspring

Generation : F0 Dose : EHOEE 1000 mg/kg Species : Rat

	/Days after birth	0	4	4	4	13	13
Dam No.	Sex	Male/Female	Pre-culled Male/Female	Viability index (%) a)	Culled Male/Female	Male/Female	Viability index (%) b)
4101	Total	14	13	92.9	8	8	100.0
		(4/10)	(4/9)		(4/4)	(4/4)	
4102	Total	16	15	93.8	8	8	100.0
		(11/5)	(10/5)		(4/4)	(4/4)	
4103	Total	15	14	93.3	8	8	100.0
		(10/5)	(9/5)		(4/4)	(4/4)	
4104	Total	12	11	91.7	8	8	100.0
		(8/4)	(7/4)		(4/4)	(4/4)	
4105	Total	14	14	100.0	8	8	100.0
		(6/8)	(6/8)		(4/4)	(4/4)	
4106	Total	7	7	100.0	7	7	100.0
		(1/6)	(1/6)		(1/6)	(1/6)	
4107	Total	12	11	91.7	8	8	100.0
		(5/7)	(4/7)		(4/4)	(4/4)	
4108	Total	18	8	44.4	8	8	100.0
		(10/8)	(5/3)		(5/3)	(5/3)	
4109	Total	12	12	100.0	8	8	100.0
		(7/5)	(7/5)		(4/4)	(4/4)	
4110	Total	9	9	100.0	8	8	100.0
		(5/4)	(5/4)		(4/4)	(4/4)	
4111	Total	17	17	100.0	8	8	100.0
		(8/9)	(8/9)		(4/4)	(4/4)	
4112	Total	16	15	93.8	8	8	100.0
		(7/9)	(6/9)		(4/4)	(4/4)	
Total		162	146		95	95	
Male/Female		82/80	72/74		46/49	46/49	
n		12	12	12	12	12	12
Mean				91.8			100.0
S.D.				15.4			0.0

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

n: Number of dams

a): (Number of pups alive on day 4 after birth / Number of live born pups) × 100

b): (Number of pups alive on day 13 after birth / Number of pups after culling on day 4 after birth) × 100

Appendix 16 - 1

EHOEE: An oral combined repeated dose toxicity study
with the reproduction/ developmental toxicity screening test in rats
Sex ratio

Study No. : R-1270

Generation : F0 Dose : EHOEE 0 mg/kg Species : Rat

Dam No.	day 4 after birth Number of males	Number of females	Sex ratio (%) a)
1101	4	11	
1102	3	5	
1103	6	7	
1104	11	5	
1105	8	7	
1107	7	9	
1108	12	3	
1109	11	5	
1110	8	6	
1111	5	6	
1112	2	1	
n	11	11	
Total	77	65	77/142
(%)			54.2

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams
a): (Number of male pups alive on day 4 after birth / Number of pups alive on day 4 after birth) × 100

Appendix 16 - 2

EHOEE: An oral combined repeated dose toxicity study
with the reproduction/ developmental toxicity screening test in rats
Sex ratio

Study No. : R-1270

Generation : F0 Dose : EHOEE 100 mg/kg Species : Rat

Dam No.	day 4 after birth Number of males	Number of females	Sex ratio (%) a)
2101	5	6	
2102	12	8	
2103	4	3	
2104	2	10	
2105	4	8	
2106	10	8	
2107	7	9	
2108	8	8	
2109	8	9	
2110	10	6	
2111	5	8	
2112	6	7	
n	12	12	
Total	81	90	81/171
(%)			47.4

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams
a): (Number of male pups alive on day 4 after birth / Number of pups alive on day 4 after birth) × 100

Appendix 16 - 3

EHOEE: An oral combined repeated dose toxicity study
with the reproduction/ developmental toxicity screening test in rats
Sex ratio

Study No. : R-1270

Generation : F0 Dose : EHOEE 300 mg/kg Species : Rat

Dam No.	day 4 after birth Number of males	Number of females	Sex ratio (%) a)
3101	5	11	
3102	9	7	
3103	9	6	
3104	10	4	
3105	5	10	
3106	8	8	
3107	8	5	
3108	8	5	
3109	8	9	
3110	5	6	
3111	5	9	
3112	12	2	
n	12	12	
Total	92	82	92/174
(%)			52.9

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams
a): (Number of male pups alive on day 4 after birth / Number of pups alive on day 4 after birth) × 100

Appendix 16 - 4

EHOEE: An oral combined repeated dose toxicity study
with the reproduction/ developmental toxicity screening test in rats
Sex ratio

Study No. : R-1270

Generation : F0 Dose : EHOEE 1000 mg/kg Species : Rat

	day 4 after birth		
Dam No.	Number of males	Number of females	Sex ratio (%) a)
4101	4	9	
4102	10	5	
4103	9	5	
4104	7	4	
4105	6	8	
4106	1	6	
4107	4	7	
4108	5	3	
4109	7	5	
4110	5	4	
4111	8	9	
4112	6	9	
n	12	12	
Total	72	74	72/146
(%)			49.3

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of dams
a): (Number of male pups alive on day 4 after birth / Number of pups alive on day 4 after birth) × 100

Appendix 17 - 1 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Body weight of offspring

Generation : F0 Dose : EHOEE 0 mg/kg Unit : g Species : Rat

		/Days after birth									
		0		4/Pre-culled		4/Culled		7		13	
Dam No.	Sex	n	B.W.	n	B.W.	n	B.W.	n	B.W.	n	B.W.
1101	Male	4	5.8	4	9.9	4	9.9	4	16.2	4	31.3
	Female	11	6.2	11	10.2	4	10.4	4	17.0	4	32.2
1102	Male	3	7.2	3	11.3	3	11.3	2	18.1	2	34.2
	Female	5	7.3	5	12.5	5	12.5	5	18.7	5	34.6
1103	Male	6	6.7	6	11.1	4	11.3	4	18.6	4	34.4
	Female	7	6.3	7	10.7	4	10.8	4	17.6	4	32.9
1104	Male	11	7.0	11	10.6	4	11.3	4	18.6	4	37.0
	Female	5	6.2	5	8.0	4	8.5	4	14.5	4	32.1
1105	Male	8	6.8	8	9.9	4	10.2	4	18.0	4	34.6
	Female	7	6.4	7	9.5	4	9.5	4	16.8	4	33.4
1107	Male	7	6.1	7	8.9	4	9.3	4	15.6	4	31.0
	Female	9	5.8	9	8.5	4	8.6	4	14.4	4	28.8
1108	Male	12	6.9	12	11.0	5	11.1	5	18.2	5	36.3
	Female	3	6.4	3	10.1	3	10.1	3	17.2	3	34.8
1109	Male	11	6.9	11	11.1	4	12.0	4	18.8	4	33.7
	Female	6	6.7	5	11.0	4	11.3	4	17.1	4	31.3
1110	Male	9	5.9	8	9.8	4	10.6	4	17.0	4	31.4
	Female	6	5.5	6	9.9	4	10.0	4	15.8	4	29.6
1111	Male	5	6.7	5	10.8	4	10.8	4	17.3	4	31.8
	Female	7	6.0	6	9.9	4	10.7	4	17.1	4	30.9
1112	Male	2	8.2	2	10.8	2	10.8	2	16.3	2	30.8
	Female	1	7.7	1	9.7	1	9.7	1	12.6	1	22.9
n	Male	78		77		42		41		41	
	Female	67		65		41		41		41	
Mean	Male		6.7		10.5		10.8		17.5		33.3
	Female		6.4		10.0		10.2		16.3		31.2
S.D.	Male		0.7		0.7		0.8		1.1		2.2
	Female		0.6		1.2		1.2		1.8		3.3

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

n: Number of offspring

Appendix 17 - 2 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Body weight of offspring

Generation : F0 Dose : EHOEE 100 mg/kg Unit : g Species : Rat

		/Days after birth									
		0		4/Pre-culled		4/Culled		7		13	
Dam No.	Sex	n	B.W.	n	B.W.	n	B.W.	n	B.W.	n	B.W.
2101	Male	6	6.8	5	12.0	4	11.8	4	19.2	4	35.4
	Female	7	6.5	6	11.6	4	11.7	4	18.8	4	34.7
2102	Male	12	6.2	12	8.7	4	9.6	4	16.4	4	32.3
	Female	8	6.7	8	9.1	4	9.2	4	16.0	4	31.7
2103	Male	4	7.2	4	11.6	4	11.6	4	17.4	4	31.6
	Female	3	7.0	3	10.8	3	10.8	3	16.3	3	31.6
2104	Male	2	7.2	2	11.2	2	11.2	2	18.5	2	32.7
	Female	10	6.4	10	10.1	6	10.5	6	17.1	6	31.4
2105	Male	4	6.8	4	11.3	4	11.3	4	17.5	4	32.7
	Female	8	6.7	8	10.9	4	10.8	4	17.2	4	32.2
2106	Male	10	6.3	10	10.0	4	10.5	4	18.1	4	36.2
	Female	8	6.0	8	9.3	4	9.3	4	16.5	4	34.4
2107	Male	7	6.3	7	8.8	4	9.1	4	14.5	4	30.7
	Female	10	5.7	9	7.9	4	8.0	4	12.4	4	26.7
2108	Male	8	6.2	8	9.2	4	9.6	4	15.7	4	31.7
	Female	8	5.9	8	8.7	4	9.1	4	15.1	4	30.7
2109	Male	8	5.9	8	9.1	4	9.5	4	16.2	4	34.2
	Female	9	5.5	9	8.6	4	9.0	4	15.4	4	32.8
2110	Male	10	5.9	10	8.8	4	8.9	4	15.4	4	30.2
	Female	6	5.6	6	8.0	4	8.3	4	13.9	4	28.1
2111	Male	5	7.8	5	12.8	4	12.9	4	21.7	4	38.8
	Female	8	6.6	8	10.9	4	12.0	4	20.0	4	37.3
2112	Male	6	6.8	6	10.9	4	11.3	4	20.5	4	38.7
	Female	7	6.3	7	10.4	4	10.4	4	19.1	4	36.6
n	Male	82		81		46		46		46	
	Female	92		90		49		49		49	
Mean	Male		6.6		10.4		10.6		17.6		33.8
	Female		6.2		9.7		9.9		16.5		32.4
S.D.	Male		0.6		1.4		1.3		2.1		2.9
	Female		0.5		1.3		1.3		2.2		3.1

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

n: Number of offspring

Appendix 17 - 3 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Body weight of offspring

Generation : F0 Dose : EHOEE 300 mg/kg Unit : g Species : Rat

		/Days after birth									
		0		4/Pre-culled		4/Culled		7		13	
Dam No.	Sex	n	B.W.	n	B.W.	n	B.W.	n	B.W.	n	B.W.
3101	Male	5	6.7	5	10.7	4	10.7	4	18.6	4	35.8
	Female	11	6.1	11	9.7	4	10.5	4	17.7	4	33.6
3102	Male	9	6.4	9	10.1	4	11.0	4	18.8	4	37.1
	Female	7	6.0	7	9.4	4	9.8	4	17.2	4	34.1
3103	Male	9	6.3	9	8.6	4	8.8	4	14.5	4	27.7
	Female	7	5.8	6	8.1	4	8.3	4	13.4	4	26.3
3104	Male	10	6.6	10	10.4	4	10.6	4	17.7	4	34.1
	Female	4	6.2	4	9.7	4	9.7	4	15.7	4	31.6
3105	Male	5	6.9	5	10.7	4	10.9	4	17.4	4	33.9
	Female	11	6.6	10	11.0	4	11.2	4	18.0	4	34.4
3106	Male	8	6.1	8	9.2	4	9.9	4	17.0	4	33.0
	Female	8	6.0	8	9.8	4	10.4	4	17.8	4	33.9
3107	Male	8	6.6	8	10.8	4	11.4	4	17.1	4	30.6
	Female	5	6.5	5	10.8	4	10.6	4	17.0	4	30.8
3108	Male	8	6.4	8	11.7	4	12.0	4	19.4	4	34.1
	Female	5	6.1	5	10.9	4	11.0	4	17.8	4	32.4
3109	Male	8	6.3	8	9.7	4	9.9	4	16.6	4	32.6
	Female	10	5.8	9	8.9	4	9.5	4	16.3	4	32.1
3110	Male	5	7.7	5	13.7	4	13.8	4	23.1	4	41.0
	Female	6	7.2	6	13.2	4	13.8	4	22.3	4	38.6
3111	Male	5	7.0	5	11.5	4	11.9	4	18.4	4	33.7
	Female	9	6.6	9	10.8	4	11.2	4	17.9	4	34.1
3112	Male	12	6.3	12	9.2	6	9.6	6	14.3	6	28.9
	Female	3	6.2	2	9.4	2	9.4	2	14.9	2	31.2
n	Male	92		92		50		50		50	
	Female	86		82		46		46		46	
Mean	Male		6.6		10.5		10.9		17.7		33.5
	Female		6.3		10.1		10.5		17.2		32.8
S.D.	Male		0.4		1.4		1.3		2.3		3.6
	Female		0.4		1.3		1.4		2.2		2.9

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

n: Number of offspring

Appendix 17 - 4 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Body weight of offspring

Generation : F0 Dose : EHOEE 1000 mg/kg Unit : g Species : Rat

		/Days after birth									
		0		4/Pre-culled		4/Culled		7		13	
Dam No.	Sex	n	B.W.	n	B.W.	n	B.W.	n	B.W.	n	B.W.
4101	Male	4	6.3	4	11.2	4	11.2	4	18.5	4	33.4
	Female	10	5.6	9	10.6	4	11.1	4	18.4	4	33.1
4102	Male	11	6.2	10	9.8	4	9.6	4	15.7	4	32.7
	Female	5	5.9	5	9.1	4	9.2	4	15.5	4	32.2
4103	Male	10	6.5	9	9.2	4	9.8	4	16.7	4	30.5
	Female	5	6.0	5	9.1	4	9.2	4	15.2	4	29.1
4104	Male	8	6.3	7	11.8	4	12.3	4	20.1	4	35.2
	Female	4	6.1	4	11.4	4	11.4	4	18.8	4	33.7
4105	Male	6	6.7	6	10.2	4	10.5	4	18.0	4	33.2
	Female	8	6.0	8	9.5	4	9.7	4	16.7	4	31.6
4106	Male	1	7.6	1	13.8	1	13.8	1	20.1	1	36.3
	Female	6	7.3	6	13.2	6	13.2	6	19.4	6	35.1
4107	Male	5	6.4	4	13.2	4	13.2	4	20.6	4	37.8
	Female	7	6.1	7	11.8	4	12.1	4	19.2	4	36.3
4108	Male	10	6.2	5	8.8	5	8.8	5	13.1	5	27.3
	Female	8	6.0	3	7.8	3	7.8	3	11.6	3	24.8
4109	Male	7	7.4	7	12.0	4	12.2	4	19.8	4	34.1
	Female	5	6.4	5	10.9	4	10.8	4	17.5	4	31.5
4110	Male	5	7.3	5	14.3	4	14.5	4	23.2	4	41.3
	Female	4	7.0	4	13.6	4	13.6	4	21.7	4	38.8
4111	Male	8	5.6	8	9.0	4	9.2	4	16.4	4	31.3
	Female	9	5.4	9	8.8	4	9.2	4	16.7	4	31.5
4112	Male	7	6.1	6	7.0	4	7.2	4	13.8	4	32.7
	Female	9	5.7	9	6.6	4	6.7	4	12.7	4	29.4
n	Male	82		72		46		46		46	
	Female	80		74		49		49		49	
Mean	Male		6.6		10.9		11.0		18.0		33.8
	Female		6.1		10.2		10.3		17.0		32.3
S.D.	Male		0.6		2.2		2.2		3.0		3.6
	Female		0.5		2.1		2.1		2.9		3.6

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

n: Number of offspring

Appendix 17 - 5

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Study No. : R-1270

Body weight gain of offspring

Base : Day 4 after birth

Generation : F0

Dose : EHOEE 0 mg/kg

Unit : g

Species : Rat

		/Days after birth /Before culling		/After culling			
Dam No.	Sex	n	0-4	n	4-7	n	4-13
1101	Male	4	4.1	4	6.4	4	21.5
	Female	11	4.0	4	6.7	4	21.8
1102	Male	3	4.1	2	6.0	2	22.1
	Female	5	5.2	5	6.2	5	22.2
1103	Male	6	4.4	4	7.3	4	23.1
	Female	7	4.4	4	6.7	4	22.1
1104	Male	11	3.6	4	7.3	4	25.7
	Female	5	1.8	4	6.0	4	23.6
1105	Male	8	3.1	4	7.8	4	24.3
	Female	7	3.1	4	7.3	4	23.9
1107	Male	7	2.8	4	6.3	4	21.7
	Female	9	2.7	4	5.8	4	20.2
1108	Male	12	4.1	5	7.1	5	25.2
	Female	3	3.7	3	7.1	3	24.7
1109	Male	11	4.2	4	6.9	4	21.7
	Female	5	4.3	4	5.8	4	20.0
1110	Male	8	3.9	4	6.4	4	20.8
	Female	6	4.4	4	5.9	4	19.7
1111	Male	5	4.1	4	6.6	4	21.0
	Female	6	3.9	4	6.4	4	20.2
1112	Male	2	2.6	2	5.6	2	20.0
	Female	1	2.0	1	2.9	1	13.2
n	Male	77		41		41	
	Female	65		41		41	
Mean	Male		3.7		6.7		22.5
	Female		3.6		6.1		21.1
S.D.	Male		0.6		0.6		1.9
	Female		1.1		1.2		3.1

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

n: Number of offspring

Appendix 17 - 6

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Study No. : R-1270

Body weight gain of offspring

Base : Day 4 after birth

Generation : F0

Dose : EHOEE 100 mg/kg

Unit : g

Species : Rat

		/Days after birth /Before culling		/After culling			
Dam No.	Sex	n	0-4	n	4-7	n	4-13
2101	Male	5	5.2	4	7.4	4	23.5
	Female	6	5.1	4	7.1	4	23.0
2102	Male	12	2.5	4	6.8	4	22.7
	Female	8	2.4	4	6.9	4	22.5
2103	Male	4	4.4	4	5.8	4	20.0
	Female	3	3.8	3	5.4	3	20.8
2104	Male	2	4.0	2	7.3	2	21.5
	Female	10	3.7	6	6.7	6	21.0
2105	Male	4	4.5	4	6.2	4	21.4
	Female	8	4.2	4	6.4	4	21.4
2106	Male	10	3.7	4	7.6	4	25.7
	Female	8	3.3	4	7.2	4	25.1
2107	Male	7	2.5	4	5.5	4	21.6
	Female	9	2.2	4	4.4	4	18.7
2108	Male	8	3.0	4	6.1	4	22.1
	Female	8	2.8	4	6.0	4	21.7
2109	Male	8	3.2	4	6.7	4	24.7
	Female	9	3.1	4	6.5	4	23.9
2110	Male	10	2.9	4	6.6	4	21.3
	Female	6	2.4	4	5.6	4	19.8
2111	Male	5	5.0	4	8.8	4	25.9
	Female	8	4.3	4	8.1	4	25.4
2112	Male	6	4.1	4	9.2	4	27.4
	Female	7	4.1	4	8.7	4	26.2
n	Male	81		46		46	
	Female	90		49		49	
Mean	Male		3.8		7.0		23.2
	Female		3.5		6.6		22.5
S.D.	Male		0.9		1.1		2.3
	Female		0.9		1.2		2.3

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

n: Number of offspring

Appendix 17 - 7

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Study No. : R-1270

Body weight gain of offspring

Base : Day 4 after birth

Generation : F0

Dose : EHOEE 300 mg/kg

Unit : g

Species : Rat

		/Days after birth /Before culling		/After culling			
Dam No.	Sex	n	0-4	n	4-7	n	4-13
3101	Male	5	4.0	4	7.9	4	25.1
	Female	11	3.6	4	7.1	4	23.1
3102	Male	9	3.7	4	7.8	4	26.1
	Female	7	3.4	4	7.4	4	24.3
3103	Male	9	2.3	4	5.7	4	18.9
	Female	6	2.3	4	5.2	4	18.1
3104	Male	10	3.8	4	7.0	4	23.4
	Female	4	3.5	4	6.0	4	21.9
3105	Male	5	3.8	4	6.6	4	23.0
	Female	10	4.4	4	6.8	4	23.2
3106	Male	8	3.1	4	7.1	4	23.1
	Female	8	3.8	4	7.4	4	23.5
3107	Male	8	4.2	4	5.7	4	19.3
	Female	5	4.3	4	6.5	4	20.2
3108	Male	8	5.3	4	7.4	4	22.1
	Female	5	4.8	4	6.8	4	21.4
3109	Male	8	3.4	4	6.6	4	22.7
	Female	9	3.1	4	6.7	4	22.6
3110	Male	5	6.0	4	9.2	4	27.2
	Female	6	6.0	4	8.5	4	24.8
3111	Male	5	4.5	4	6.5	4	21.8
	Female	9	4.2	4	6.6	4	22.9
3112	Male	12	2.9	6	4.7	6	19.3
	Female	2	3.2	2	5.5	2	21.8
n	Male	92		50		50	
	Female	82		46		46	
Mean	Male		3.9		6.9		22.7
	Female		3.9		6.7		22.3
S.D.	Male		1.0		1.2		2.6
	Female		0.9		0.9		1.8

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

n: Number of offspring

Appendix 17 - 8 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Body weight gain of offspring

Generation : F0 Dose : EHOEE 1000 mg/kg Base : Day 4 after birth

Unit : g Species : Rat

Dam No.	Sex	/Days after birth /Before culling n	0-4	/After culling n	4-7	n	4-13
4101	Male	4	4.9	4	7.4	4	22.3
	Female	9	5.0	4	7.3	4	22.0
4102	Male	10	3.6	4	6.1	4	23.1
	Female	5	3.2	4	6.3	4	22.9
4103	Male	9	2.7	4	6.9	4	20.7
	Female	5	3.1	4	6.0	4	19.9
4104	Male	7	5.5	4	7.9	4	22.9
	Female	4	5.3	4	7.4	4	22.2
4105	Male	6	3.5	4	7.5	4	22.7
	Female	8	3.5	4	7.0	4	21.9
4106	Male	1	6.2	1	6.3	1	22.5
	Female	6	5.9	6	6.2	6	21.9
4107	Male	4	6.8	4	7.4	4	24.6
	Female	7	5.7	4	7.1	4	24.2
4108	Male	5	2.6	5	4.3	5	18.5
	Female	3	1.8	3	3.8	3	17.0
4109	Male	7	4.6	4	7.6	4	21.9
	Female	5	4.5	4	6.6	4	20.7
4110	Male	5	7.0	4	8.8	4	26.8
	Female	4	6.6	4	8.1	4	25.3
4111	Male	8	3.4	4	7.1	4	22.0
	Female	9	3.4	4	7.5	4	22.2
4112	Male	6	0.9	4	6.7	4	25.5
	Female	9	0.9	4	6.0	4	22.7
n	Male	72		46		46	
	Female	74		49		49	
Mean	Male		4.3		7.0		22.8
	Female		4.1		6.6		21.9
S.D.	Male		1.9		1.1		2.2
	Female		1.7		1.1		2.1

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

n: Number of offspring

Appendix 18 - 1 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Externally for gross abnormalities in dead pups Study No. : R-1270

Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	Number of pups examined Total (Male + Female)		Findings
1101	0		
1102	1	(1+0)	NAF
1103	0		
1104	0		
1105	0		
1107	0		
1108	0		
1109	1	(0+1)	NAF
1110	1	(1+0)	NAF
1111	0		
1112	0		

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
NAF : No abnormal findings

Appendix 18 - 2 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Externally for gross abnormalities in dead pups Study No. : R-1270

Dose : EHOEE100 mg/kg Species : Rat

Animal No.	Number of pups examined Total (Male + Female)		Findings
2101	1	(1+0)	NAF
2102	0		
2103	0		
2104	0		
2105	0		
2106	0		
2107	0		
2108	0		
2109	0		
2110	0		
2111	0		
2112	0		

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
NAF : No abnormal findings

Appendix 18 - 3 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Externally for gross abnormalities in dead pups Study No. : R-1270

Dose : EHOEE 300 mg/kg Species : Rat

Animal No.	Number of pups examined Total (Male + Female)		Findings
3101	0		
3102	0		
3103	1	(0+1)	NAF
3104	0		
3105	0		
3106	0		
3107	0		
3108	0		
3109	1	(0+1)	NAF
3110	0		
3111	0		
3112	1	(0+1)	NAF

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
NAF : No abnormal findings

Appendix 18 - 4 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Externally for gross abnormalities in dead pups Study No. : R-1270

Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	Number of pups examined Total (Male + Female)		Findings
4101	0		
4102	0		
4103	0		
4104	0		
4105	0		
4106	0		
4108	10	(5+5)	NAF
4109	0		
4110	0		
4111	0		
4112	1	(1+0)	NAF

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
NAF : No abnormal findings

Appendix 19 - 1 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Nipple retention of male pups Days after birth : 13

Generation : F0 Dose : EHOEE 0 mg/kg Unit : No. Species : Rat

Dam No.	Sex	Offspring No. : Nipple retention				Mean	S.D.	n
1101	Male	1101M01 : 0	1101M02 : 0	1101M03 : 0	1101M04 : 0	0.0	0.0	4
1102	Male	1102M01 : 0	1102M02 : 0			0.0	0.0	2
1103	Male	1103M01 : 0	1103M02 : 0	1103M03 : 0	1103M04 : 0	0.0	0.0	4
1104	Male	1104M01 : 0	1104M02 : 0	1104M03 : 0	1104M04 : 0	0.0	0.0	4
1105	Male	1105M01 : 0	1105M02 : 0	1105M03 : 0	1105M04 : 0	0.0	0.0	4
1107	Male	1107M01 : 0	1107M02 : 0	1107M03 : 0	1107M04 : 0	0.0	0.0	4
1108	Male	1108M01 : 0	1108M02 : 0	1108M03 : 0	1108M04 : 0			
		1108M05 : 0				0.0	0.0	5
1109	Male	1109M01 : 0	1109M02 : 0	1109M03 : 0	1109M04 : 0	0.0	0.0	4
1110	Male	1110M01 : 0	1110M02 : 0	1110M03 : 0	1110M04 : 0	0.0	0.0	4
1111	Male	1111M01 : 0	1111M02 : 0	1111M03 : 0	1111M04 : 0	0.0	0.0	4
1112	Male	1112M01 : 0	1112M02 : 0			0.0	0.0	2

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
Nipple retention: Number of nipple / areolae
n: Number of offspring

Appendix 19 - 2 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Nipple retention of male pups Days after birth : 13

Generation : F0 Dose : EHOEE 100 mg/kg Unit : No. Species : Rat

Dam No.	Sex	Offspring No. : Nipple retention				Mean	S.D.	n
2101	Male	2101M01 : 0	2101M02 : 0	2101M03 : 0	2101M04 : 0	0.0	0.0	4
2102	Male	2102M01 : 0	2102M02 : 0	2102M03 : 0	2102M04 : 0	0.0	0.0	4
2103	Male	2103M01 : 0	2103M02 : 0	2103M03 : 0	2103M04 : 0	0.0	0.0	4
2104	Male	2104M01 : 0	2104M02 : 0			0.0	0.0	2
2105	Male	2105M01 : 0	2105M02 : 0	2105M03 : 0	2105M04 : 0	0.0	0.0	4
2106	Male	2106M01 : 0	2106M02 : 0	2106M03 : 0	2106M04 : 0	0.0	0.0	4
2107	Male	2107M01 : 0	2107M02 : 0	2107M03 : 0	2107M04 : 0	0.0	0.0	4
2108	Male	2108M01 : 0	2108M02 : 0	2108M03 : 0	2108M04 : 0	0.0	0.0	4
2109	Male	2109M01 : 0	2109M02 : 0	2109M03 : 0	2109M04 : 0	0.0	0.0	4
2110	Male	2110M01 : 0	2110M02 : 0	2110M03 : 0	2110M04 : 0	0.0	0.0	4
2111	Male	2111M01 : 0	2111M02 : 0	2111M03 : 0	2111M04 : 0	0.0	0.0	4
2112	Male	2112M01 : 0	2112M02 : 0	2112M03 : 0	2112M04 : 0	0.0	0.0	4

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
Nipple retention: Number of nipple / areolae
n: Number of offspring

Appendix 19 - 3 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Nipple retention of male pups Days after birth : 13

Generation : F0 Dose : EHOEE 300 mg/kg Unit : No. Species : Rat

Dam No.	Sex	Offspring No. : Nipple retention				Mean	S.D.	n
3101	Male	3101M01 : 0	3101M02 : 0	3101M03 : 0	3101M04 : 0	0.0	0.0	4
3102	Male	3102M01 : 0	3102M02 : 0	3102M03 : 0	3102M04 : 0	0.0	0.0	4
3103	Male	3103M01 : 0	3103M02 : 0	3103M03 : 0	3103M04 : 0	0.0	0.0	4
3104	Male	3104M01 : 0	3104M02 : 0	3104M03 : 0	3104M04 : 0	0.0	0.0	4
3105	Male	3105M01 : 0	3105M02 : 0	3105M03 : 0	3105M04 : 0	0.0	0.0	4
3106	Male	3106M01 : 0	3106M02 : 0	3106M03 : 0	3106M04 : 0	0.0	0.0	4
3107	Male	3107M01 : 0	3107M02 : 0	3107M03 : 0	3107M04 : 0	0.0	0.0	4
3108	Male	3108M01 : 0	3108M02 : 0	3108M03 : 0	3108M04 : 0	0.0	0.0	4
3109	Male	3109M01 : 0	3109M02 : 0	3109M03 : 0	3109M04 : 0	0.0	0.0	4
3110	Male	3110M01 : 0	3110M02 : 0	3110M03 : 0	3110M04 : 0	0.0	0.0	4
3111	Male	3111M01 : 0	3111M02 : 0	3111M03 : 0	3111M04 : 0	0.0	0.0	4
3112	Male	3112M01 : 0	3112M02 : 0	3112M03 : 0	3112M04 : 0			
		3112M05 : 0	3112M06 : 0			0.0	0.0	6

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
Nipple retention: Number of nipple / areolae
n: Number of offspring

Appendix 19 - 4 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Nipple retention of male pups Days after birth : 13

Generation : F0 Dose : EHOEE 1000 mg/kg Unit : No. Species : Rat

Dam No.	Sex	Offspring No. : Nipple retention				Mean	S.D.	n
4101	Male	4101M01 : 0	4101M02 : 0	4101M03 : 0	4101M04 : 0	0.0	0.0	4
4102	Male	4102M01 : 0	4102M02 : 0	4102M03 : 0	4102M04 : 0	0.0	0.0	4
4103	Male	4103M01 : 0	4103M02 : 0	4103M03 : 0	4103M04 : 0	0.0	0.0	4
4104	Male	4104M01 : 0	4104M02 : 0	4104M03 : 0	4104M04 : 0	0.0	0.0	4
4105	Male	4105M01 : 0	4105M02 : 0	4105M03 : 0	4105M04 : 0	0.0	0.0	4
4106	Male	4106M01 : 0				0.0		1
4107	Male	4107M01 : 0	4107M02 : 0	4107M03 : 0	4107M04 : 0	0.0	0.0	4
4108	Male	4108M01 : 0	4108M02 : 0	4108M03 : 0	4108M04 : 0			
		4108M05 : 0				0.0	0.0	5
4109	Male	4109M01 : 0	4109M02 : 0	4109M03 : 0	4109M04 : 0	0.0	0.0	4
4110	Male	4110M01 : 0	4110M02 : 0	4110M03 : 0	4110M04 : 0	0.0	0.0	4
4111	Male	4111M01 : 0	4111M02 : 0	4111M03 : 0	4111M04 : 0	0.0	0.0	4
4112	Male	4112M01 : 0	4112M02 : 0	4112M03 : 0	4112M04 : 0	0.0	0.0	4

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
Nipple retention: Number of nipple / areolae
n: Number of offspring

Appendix 20 - 1 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Gross pathological findings in pups on postnatal day 13

Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	Number of pups examined Total	(Male + Female)	Findings
1101	8	(4+4)	NAF
1102	7	(2+5)	NAF
1103	8	(4+4)	NAF
1104	8	(4+4)	NAF
1105	8	(4+4)	NAF
1107	8	(4+4)	NAF
1108	8	(5+3)	NAF
1109	8	(4+4)	NAF
1110	8	(4+4)	NAF
1111	8	(4+4)	NAF
1112	3	(2+1)	NAF

NAF : No abnormal findings

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

Appendix 20 - 2

2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats

Gross pathological findings in pups on postnatal day 13

Study No. : R-1270

Dose : EHOEE 100 mg/kg

Species : Rat

Animal No.	Number of pups examined Total	(Male + Female)	Findings
2101	8	(4+4)	NAF
2102	8	(4+4)	NAF
2103	7	(4+3)	NAF
2104	8	(2+6)	NAF
2105	8	(4+4)	NAF
2106	8	(4+4)	NAF
2107	8	(4+4)	NAF
2108	8	(4+4)	NAF
2109	8	(4+4)	NAF
2110	8	(4+4)	NAF
2111	8	(4+4)	NAF
2112	8	(4+4)	NAF

NAF : No abnormal findings

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

Appendix 20 - 3 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Gross pathological findings in pups on postnatal day 13

Dose : EHOEE 300 mg/kg Species : Rat

Animal No.	Number of pups examined Total	(Male + Female)	Findings
3101	8	(4+4)	NAF
3102	8	(4+4)	NAF
3103	8	(4+4)	NAF
3104	8	(4+4)	NAF
3105	8	(4+4)	NAF
3106	8	(4+4)	NAF
3107	8	(4+4)	NAF
3108	8	(4+4)	NAF
3109	8	(4+4)	NAF
3110	8	(4+4)	NAF
3111	8	(4+4)	NAF
3112	8	(6+2)	NAF

NAF : No abnormal findings

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

Appendix 20 - 4 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Gross pathological findings in pups on postnatal day 13

Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	Number of pups examined Total (Male + Female)		Findings
4101	8	(4+4)	NAF
4102	8	(4+4)	NAF
4103	8	(4+4)	NAF
4104	8	(4+4)	NAF
4105	8	(4+4)	NAF
4106	7	(1+6)	NAF
4107	8	(4+4)	NAF
4108	8	(5+3)	NAF
4109	8	(4+4)	NAF
4110	8	(4+4)	NAF
4111	8	(4+4)	NAF
4112	8	(4+4)	NAF

NAF : No abnormal findings

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

Appendix 21 - 1 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Organ weight Stage : After culled (F1 males)

Sex : Male Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	Body weight g	Thyroid-RL AB mg	Thyroid-RL RE mg/100g
1101M01	36.7	4.0	10.9
1102M01	34.6	3.9	11.3
1103M01	34.8	4.9	14.1
1104M01	35.6	4.6	12.9
1105M01	35.7	3.9	10.9
1107M01	32.2	3.8	11.8
1108M01	35.2	3.4	9.7
1109M01	34.8	3.5	10.1
1110M01	33.7	4.0	11.9
1111M01	31.8	4.0	12.6
1112M01	30.8	5.3	17.2
n	11	11	11
Mean	34.2	4.1	12.1
S.D.	1.8	0.6	2.1

AB : Absolute weight, RE : Relative weight by body weight

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

n: Number of offspring

Appendix 21 - 2 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Organ weight Stage : After culled (F1 males)

Sex : Male Dose : EHOEE 100 mg/kg Species : Rat

Animal No.	Body weight g	Thyroid-RL AB mg	Thyroid-RL RE mg/100g
2101M01	36.5	3.9	10.7
2102M01	34.0	2.9	8.5
2103M01	31.9	3.3	10.3
2104M01	32.8	2.0	6.1
2105M01	33.3	4.9	14.7
2106M01	35.9	4.2	11.7
2107M01	32.4	3.1	9.6
2108M01	33.9	4.7	13.9
2109M01	34.2	4.2	12.3
2110M01	31.0	4.0	12.9
2111M01	39.4	5.3	13.5
2112M01	39.5	3.7	9.4
n	12	12	12
Mean	34.6	3.9	11.1
S.D.	2.8	0.9	2.5

AB : Absolute weight, RE : Relative weight by body weight

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

n: Number of offspring

Appendix 21 - 3 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Organ weight Stage : After culled (F1 males)

Sex : Male Dose : EHOEE 300 mg/kg Species : Rat

Animal No.	Body weight g	Thyroid-RL AB mg	Thyroid-RL RE mg/100g
3101M01	36.9	5.5	14.9
3102M01	38.9	4.5	11.6
3103M01	28.2	2.9	10.3
3104M01	36.6	3.5	9.6
3105M01	35.1	3.3	9.4
3106M01	33.9	3.6	10.6
3107M01	29.1	3.6	12.4
3108M01	34.3	5.0	14.6
3109M01	31.1	3.9	12.5
3110M01	41.7	4.4	10.6
3111M01	34.1	4.2	12.3
3112M01	30.5	3.9	12.8
n	12	12	12
Mean	34.2	4.0	11.8
S.D.	4.0	0.7	1.8

AB : Absolute weight, RE : Relative weight by body weight

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

n: Number of offspring

Appendix 21 - 4 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Organ weight Stage : After culled (F1 males)

Sex : Male Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	Body weight g	Thyroid-RL AB mg	Thyroid-RL RE mg/100g
4101M01	34.7	4.3	12.4
4102M01	33.0	3.4	10.3
4103M01	30.2	3.5	11.6
4104M01	36.6	4.8	13.1
4105M01	32.6	3.7	11.3
4106M01	36.3	4.9	13.5
4107M01	39.0	5.5	14.1
4108M01	29.4	3.4	11.6
4109M01	35.7	3.9	10.9
4110M01	39.2	3.5	8.9
4111M01	32.0	3.8	11.9
4112M01	32.1	4.0	12.5
n	12	12	12
Mean	34.2	4.1	11.8
S.D.	3.2	0.7	1.4

AB : Absolute weight, RE : Relative weight by body weight
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of offspring

Appendix 21 - 5 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Organ weight Stage : After culled (F1 females)

Sex : Female Dose : EHOEE 0 mg/kg Species : Rat

Animal No.	Body weight g	Thyroid-RL AB mg	Thyroid-RL RE mg/100g
1101F01	31.5	1.7	5.4
1102F01	33.2	3.2	9.6
1103F01	35.2	4.3	12.2
1104F01	36.5	5.2	14.2
1105F01	35.0	3.9	11.1
1107F01	28.2	3.2	11.3
1108F01	37.4	2.7	7.2
1109F01	31.1	4.2	13.5
1110F01	31.4	3.5	11.1
1111F01	30.0	2.9	9.7
1112F01	22.9	3.5	15.3
n	11	11	11
Mean	32.0	3.5	11.0
S.D.	4.2	0.9	2.9

AB : Absolute weight, RE : Relative weight by body weight

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

n: Number of offspring

Appendix 21 - 6 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Organ weight Stage : After culled (F1 females)

Sex : Female Dose : EHOEE 100 mg/kg Species : Rat

Animal No.	Body weight g	Thyroid-RL AB mg	Thyroid-RL RE mg/100g
2101F01	33.9	3.9	11.5
2102F01	33.5	3.9	11.6
2103F01	33.3	3.9	11.7
2104F01	31.1	3.0	9.6
2105F01	33.2	3.7	11.1
2106F01	33.6	3.6	10.7
2107F01	25.7	3.1	12.1
2108F01	33.3	3.9	11.7
2109F01	32.9	4.6	14.0
2110F01	29.2	5.5	18.8
2111F01	36.3	4.7	12.9
2112F01	36.2	3.7	10.2
n	12	12	12
Mean	32.7	4.0	12.2
S.D.	2.9	0.7	2.4

AB : Absolute weight, RE : Relative weight by body weight

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

n: Number of offspring

Appendix 21 - 7 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Organ weight Stage : After culled (F1 females)

Sex : Female Dose : EHOEE 300 mg/kg Species : Rat

Animal No.	Body weight g	Thyroid-RL AB mg	Thyroid-RL RE mg/100g
3101F01	35.4	4.6	13.0
3102F01	35.1	5.7	16.2
3103F01	26.9	2.8	10.4
3104F01	30.8	2.6	8.4
3105F01	36.6	3.3	9.0
3106F01	33.4	3.4	10.2
3107F01	32.1	3.9	12.1
3108F01	32.9	3.6	10.9
3109F01	33.5	2.9	8.7
3110F01	38.5	4.8	12.5
3111F01	36.6	5.0	13.7
3112F01	33.0	5.5	16.7
n	12	12	12
Mean	33.7	4.0	11.8
S.D.	3.1	1.1	2.8

AB : Absolute weight, RE : Relative weight by body weight

EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol

n: Number of offspring

Appendix 21 - 8 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol: An oral combined repeated dose toxicity study with the reproduction/ developmental toxicity screening test in rats Study No. : R-1270

Organ weight Stage : After culled (F1 females)

Sex : Female Dose : EHOEE 1000 mg/kg Species : Rat

Animal No.	Body weight g	Thyroid-RL AB mg	Thyroid-RL RE mg/100g
4101F01	34.5	3.1	9.0
4102F01	32.6	3.2	9.8
4103F01	31.5	3.8	12.1
4104F01	33.2	4.3	13.0
4105F01	31.8	3.3	10.4
4106F01	35.7	5.5	15.4
4107F01	38.2	4.8	12.6
4108F01	25.8	3.5	13.6
4109F01	32.9	4.2	12.8
4110F01	38.6	3.3	8.5
4111F01	31.5	5.7	18.1
4112F01	29.1	3.9	13.4
n	12	12	12
Mean	33.0	4.1	12.4
S.D.	3.6	0.9	2.7

AB : Absolute weight, RE : Relative weight by body weight
EHOEE: 2-{2-[(2-Ethylhexyl)oxy]ethoxy}ethanol
n: Number of offspring

信頼性保証書（1/4）

試験番号　：　R-1270

試験表題　：　２－｛２－［（２－エチルヘキシル）オキシ］エトキシ｝
エタノール：ラットを用いた経口投与による反復投与毒性・
生殖発生毒性併合試験

本試験は以下に示す基準に従って実施されたことを保証致します。
なお、一部委託部分（血清中ホルモン濃度測定）については試験場所信頼性保証部門により保証されていることを確認致しております。

- 「新規化学物質等に係る試験を実施する試験施設に関する基準」
（平成 23 年 3 月 31 日：薬食発 0331 第 8 号、平成 23・03・29 製局第 6 号、環保企発第 110331010 号）

なお、調査は下記の通り実施し、報告致しました。

試験の調査

項　目	担当者	調　査　日	試験責任者及び運営管理者への報告日
試験計画書	[redacted]	2021 年 9 月 9 日	2021 年 9 月 9 日
被験物質の安定性確認（投与期間開始前）	[redacted]	2021 年 9 月 16 日	2021 年 9 月 16 日
作業予定表・コンピュータプロトコール	[redacted]	2021 年 9 月 15 日 2021 年 9 月 16 日	2021 年 9 月 16 日
改善確認	[redacted]	2021 年 9 月 21 日	2021 年 9 月 21 日
試験計画書変更書（1）	[redacted]	2021 年 9 月 21 日	2021 年 9 月 21 日
試験計画書変更書（2）	[redacted]	2021 年 9 月 29 日	2021 年 9 月 29 日
調製・保存（被験物質）	[redacted]	2021 年 9 月 30 日	2021 年 9 月 30 日
被験液の分析	[redacted]	2021 年 9 月 30 日	2021 年 9 月 30 日
群分け	[redacted]	2021 年 10 月 4 日	2021 年 10 月 4 日
投与・一般状態の観察・膣垢検査	[redacted]	2021 年 10 月 5 日	2021 年 10 月 5 日

信頼性保証書（2/4）

項　目	担当者	調　査　日	試験責任者及び運営管理者への報告日
詳細な一般状態の観察	[redacted]	2021年10月 6日	2021年10月 6日
コンピュータプロトコール（再）		2021年10月 7日	2021年10月 8日
交配		2021年10月20日	2021年10月20日
機能検査・握力測定・自発運動量測定		2021年11月10日	2021年11月10日
分娩・哺育観察		2021年11月11日	2021年11月11日
尿検査（尿量・色調・定性・沈渣）		2021年11月11日	2021年11月11日
摂水量測定		2021年11月12日	2021年11月12日
哺育児数調整		2021年11月15日	2021年11月16日
採血（生後4日出生児）		2021年11月15日	2021年11月16日
採血・剖検（雄）		2021年11月16日	2021年11月16日
病理組織学検査（切り出し）		2021年11月19日	2021年11月19日
乳頭及び乳輪数の観察		2021年11月24日	2021年11月25日
剖検（生後13日出生児）		2021年11月24日	2021年11月25日
剖検（母動物）		2021年11月25日	2021年11月26日
試験計画書変更書（3）		2021年12月 2日	2021年12月 3日
被験物質の安定性確認（投与期間終了後）		2021年12月14日	2021年12月15日
生データ		2022年 2月15日	
		2022年 2月16日	
		2022年 2月17日	
		2022年 2月18日	
		2022年 2月21日	
		2022年 3月10日	
		2022年 3月22日	2022年 3月22日

信頼性保証書（3/4）

項　目	担当者	調　査　日	試験責任者及び運営管理者への報告日
図・表・付表	[redacted]	2022年 2月15日	
		2022年 2月16日	
		2022年 2月17日	
		2022年 2月18日	
		2022年 2月21日	2022年 2月21日
改善確認		2022年 2月22日	2022年 2月22日
最終報告書草案		2022年 2月18日	
		2022年 2月19日	
		2022年 2月21日	2022年 2月21日
改善確認		2022年 2月24日	2022年 2月24日
最終報告書		2022年 3月23日	2022年 3月23日

信頼性保証書（4/4）

プロセス調査

項　目	試験番号	担当者	調　査　日	試験責任者及び運営管理者への報告日
動物入荷	B-8892	[redacted]	2021年 8月 11日	2021年 8月 11日
検疫・馴化	B-8892	[redacted]	2021年 8月 11日	2021年 8月 11日
	B-8892	[redacted]	2021年 8月 17日	2021年 8月 17日
体重・摂餌量測定	R-1269	[redacted]	2021年 9月 7日	2021年 9月 7日
	R-1270	[redacted]	2021年 10月 5日	2021年 10月 5日
尿検査	B-8879	[redacted]	2021年 10月 16日	2021年 10月 19日
（電解質・浸透圧）	B-8877	[redacted]	2021年 11月 5日	2021年 11月 5日
生体試料の発送	B-8914	[redacted]	2021年 11月 15日	2021年 11月 16日
血液学検査・凝固系検査・血液化学検査	B-8846	[redacted]	2021年 10月 19日	2021年 10月 20日
病理組織学検査	B-8751	[redacted]	2021年 10月 11日	2021年 10月 12日
（包埋・薄切・染色・	B-8751	[redacted]	2021年 10月 12日	2021年 10月 12日
鏡検）	B-8751	[redacted]	2021年 10月 14日	2021年 10月 14日
	B-8817	[redacted]	2021年 10月 29日	2021年 11月 1日

2022年 3月23日

株式会社ボゾリサーチセンター [redacted]

主信頼性保証部門