R-1192

原本

最　終　報　告　書

3-メトキシ-n-ブタノール：
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-1192

試験期間：2016年9月27日-2017年3月30日

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1. GLP 陳述書

試験番号　　:　　R-1192

試験表題　　:　　3-メトキシ-n-ブタノール: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]

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-1192

3.2　試験表題

3-メトキシ-n-ブタノール：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-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats）

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を明らかにすることを目的とした。

3.4　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

3.5　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

3.6　試験実施施設

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　被験物質

名称	:	3-メトキシ-n-ブタノール
製造者	:	[redacted]
CAS 番号	:	2517-43-3
官報公示整理番号	:	(7)-97, (2)-409
分子式	:	$C_5H_{12}O_2$
分子量	:	104.15
ロット番号	:	SAJ1793

3.8　試験日程

試験開始日　：　2016 年　9 月 27 日
被験物質入手日　：　2016 年　9 月 29 日
動物入荷日　：　2016 年　9 月 28 日
実験開始日（投与開始日）
：　2016 年 10 月 18 日
交配開始日　：　2016 年 11 月　1 日
分娩開始日　：　2016 年 11 月 23 日
母動物剖検開始日
：　2016 年 11 月 28 日
投与終了剖検日　：　2016 年 11 月 29 日　（雄及び非交配群雌）
回復開始日　：　2016 年 11 月 29 日
回復終了剖検日　：　2016 年 12 月 13 日
動物試験終了日　：　2016 年 12 月 13 日
実験終了日（病理組織学検査終了日）
：　2017 年　2 月　2 日
試験終了日　：　2017 年　3 月 30 日

3.9　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]

3.10　試験担当者

試験主担当者　：
被験物質保存責任者：
臨床検査責任者　：
化学分析責任者　：
病理検査責任者　：
[redacted]

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

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。

3.12　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

1) 試験計画では死亡動物の器官重量を測定し、統計処理から除外することにしていたが、300 mg/kg の死亡 1 例での測定を失念した。しかし、器官は保存されており、病理組織検査が行われ、被験物質投与による死因と考えられる変化は認められないこと、死亡の発現は用量とは無関係で、死因は被験物質投与によるものと

は考えられなかったことから、本逸脱が試験成績に及ぼす影響はないと判断した。

2) 病理組織学検査の標本作製において、3 例（動物番号 : 1009、2101、4003）の上皮小体（両側）がスライド標本から欠落した。しかし、各群 1 例のみであり、他の動物では上皮小体への被験物質の影響は評価可能であったことから、試験成績に及ぼす影響はないと判断した。

3) 1000 mg/kg 群の雄の 1 例が回復期間終了時剖検に係る搬出準備中に逃走し、他の 1 例（動物番号 : 4009）に外傷（鼠蹊部）を与えた。このため、動物番号 : 4009 の剖検で外傷、病理組織学検査で皮下に出血及び細胞浸潤等が認められた。これらの所見は被験物質投与と無関係である。なお、他の動物に異常はなく、被験物質投与の影響は評価可能であったことから、試験成績に及ぼす影響はないと判断した。

以上の他には本試験に関し、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。

3.13 資料保存

株式会社ボゾリサーチセンターの保存方法に従い、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（最終報告書は原本）及び標本（被験物質保存サンプルを含む）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最終報告書提出後 10 年間保存する。期間終了後の保存については、厚生労働省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。ただし、長期保存に耐えられない生体試料（尿、血漿、血清）及び腟垢標本については、試験終了までに廃棄した。また、死産児、死亡児及び生後 4 日生存児については、出生率及び生後 4 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試験終了までに廃棄した。

3.14　試験責任者の記名・押印

[redacted]

4.　要約

3-メトキシ-n-ブタノールを注射用水に溶解し、100、300 及び 1000 mg/kg の投与量で Sprague-Dawley 系 SPF ラット（交配を行う雄及び交配群雌各 12 匹/群、非交配群雌として対照群及び 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 4 日まで（41~50 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、0 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、対照群には媒体である注射用水を投与した。

4.1　反復投与毒性

1000 mg/kg 群では、雄、交配群雌及び非交配群雌のいずれにおいても流涎が観察され、詳細な一般状態の観察においても雌雄の 1000 mg/kg 群で流涎が認められた。同群ではさらに、雄及び非交配雌で腎臓の絶対及び相対重量の高値並びに投与開始直後の摂餌量の低値、雄では血小板数及び無機リン濃度の高値並びに詳細な症状観察における立ち上がり回数の低値、交配群雌では好塩基球数及び百分率並びに肝臓の絶対及び相対重量の高値、非交配群の雌では好塩基球百分率の低値がそれぞれ認められ、回復期間では雄で単球の数及び百分率の低値、雌でリンパ球百分率、A/G 比及び胸腺の絶対及び相対重量の高値と好中球の数及び百分率の低値がみられた。

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。

以上の結果から、本試験条件下で 3-メトキシ-n-ブタノールを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一般毒性学的変化が認められたことから、本被験物質の反復投与毒性に対する無毒性量（NOAEL）は雌雄いずれも 300 mg/kg であった。一方、生殖発生毒性に対する無毒性量（NOAEL）は雄親動物、母動物及び児動物のいずれも 1000 mg/kg であると判断した。

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、3-メトキシ-n-ブ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。

なお、本試験は以下の基準を遵守し、ガイドライン等に準拠して、株式会社ボゾリサーチセンターで実施した。

5.1 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）

5.2 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」
  （平成 23 年 3 月 31 日：薬食発 0331 第 7 号、平成 23･03･29 製局第 5 号、環保企発第 110331009 号）
- 「新規化学物質の判定及び監視化学物質への該当性の判定等に係る試験方法及び判定基準」
  （平成 23 年 4 月 22 日:厚生労働省医薬食品局審査管理課化学物質安全対策室、経済産業省製造産業局化学物質管理課化学物質安全室、環境省総合環境政策局環境保健部企画課化学物質審査室）

5.3 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の一部改正について」（平成 27 年 2 月 20 日科発 0220 第 1 号）

本試験は試験実施施設の動物実験委員会の承認（承認番号：G160330）を受けて実施した。

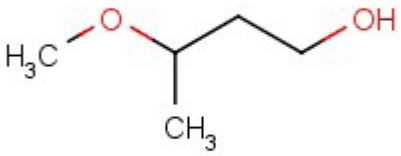
6. 試験材料及び方法

6.1 被験物質及び媒体

6.1.1 被験物質

3-メトキシ-n-ブタノールは[redacted]から購入した。また、試験開始前に赤外吸収スペクトルの測定により参照スペクトルの測定により特性が確認されている（試験番号：A-2840、Attached Data 1）。

製造者	:	[redacted]
別名	:	3-methoxy-1-butanol; 3-methoxybutanol; methoxybutanol; 1-butanol, 3-methoxy- ;
英語名称	:	3-methoxybutan-1-ol
CAS 番号	:	2517-43-3
官報公示整理番号	:	(7)-97, (2)-409
構造式又は示性式	:	



分子式	:	$C_5H_{12}O_2$
分子量	:	104.15
性状	:	無色澄明の液体
融点*	:	−85°C
沸点*	:	161°C
ロット番号	:	SAJ1793
密度（20°C）	:	0.921 g/mL
含量（毛管カラム GC）	:	99.7%
水分	:	0.04%
保存条件*	:	冷所（実測値：3.5~5.0°C）、遮光
保存場所	:	御殿場研究所　被験物質保存室及び第 2 研究棟　被験物質調製室
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、直接の接触を防いだ。

安定性　：　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において、残余被験物質の赤外吸収スペクトルを確認した結果、試験開始前に確認した参照スペクトルとほぼ同様であり安定性に問題はなかった（Attached Data 2）。

被験物質残余の処理：　被験物質 5 g を保存試料として御殿場研究所の資料保存施設に保存した。動物試験及び分析終了後の残量は全て焼却処分した。

*：製造元の和光純薬工業株式会社発行の製品安全データシートに基づく

6.1.2　媒体

名称　：　注射用水[注]

規格　：　日本薬局方

製造者　：　株式会社大塚製薬工場

ロット番号及び有効期限

：　6E95（2021 年 5 月）、6D98（2021 年 4 月）、6F78（2021 年 6 月）、6G74（2021 年 7 月）

保存方法　：　室温

保存場所　：　御殿場研究所　第 2 研究棟　被験物質調製室

注：　媒体は、本試験に先立って実施した「3-メトキシ-n-ブタノールの赤外吸収スペクトル測定法による特性試験及び安定性試験並びに GC 法を用いた被験液（媒体：注射用水）中濃度測定法バリデーション及び安定性試験」（株式会社ボゾリサーチセンター、試験番号：A-2840）において、注射用水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、注射用水を選択した。

6.2　投与液の調製及び保存方法

6.2.1　対照群投与液

対照群投与液として、被験液調製当日の被験物質を取り扱う前に必要量の媒体を 1 日使用分ずつ、褐色ガラス瓶に分注した。

6.2.2　被験液の調製

濃度ごとに必要量の被験物質を秤取し、媒体にて溶解させ、規定量（20、60 又は 200 mg/mL）にメスアップし、スターラーを用いて充分に攪拌して被験液とした。調製は 7 日に 1 回以上の頻度で最大 7 日分を一括して行った。残液は焼却処分した。

6.2.3　投与液の保存

対照群投与液及び被験液は褐色ガラス瓶に入れ、冷所（冷蔵庫内、許容値：1~10°C、実測値：3~5°C）に保存し、安定性の確認された範囲内で投与に使用した。

6.2.4 被験液の安定性

本被験物質の 0.1 及び 200 mg/mL 濃度の被験液（媒体：注射用水）は、褐色ガラス瓶に入れ冷所（冷蔵庫内、許容値：1~10°C）で 8 日間保存後、更に非遮光室温下（許容値：1~30°C）で 24 時間保存（冷所 8 日間 + 室温 24 時間）したときに安定であることが試験施設で確認されている（試験番号：A-2840、Attached Data 3）[1]。

6.2.5 被験液の濃度確認

初回投与及び投与 6 週の投与に使用する各濃度の被験液（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で GC 法により濃度を確認した。なお、初回投与に使用する被験液については、投与開始前に確認を行った。その結果、20 及び 60 mg/mL 液の表示値に対する測定濃度の割合はそれぞれ 100.5%、103.7%であったが、200 mg/mL 液の測定濃度の表示値に対する割合は、123.5%で許容範囲内（表示値に対する割合；100.0±10.0%）を逸脱していた。そこで、調製に際し攪拌を充分に行うよう試験計画書に追加記載し、200 mg/mL 液について再調製を行った結果、表示値に対する被験物質の割合は 100.5%となり、許容範囲内の成績を示した（Attached Data 4、5）。さらに 6 週の投与に使用する被験液の測定値は、101.0~101.5%でいずれも許容範囲内であったことから、投与に使用した被験液の調製には問題はなかったと考えられた。なお、GC を用いた被験液中濃度測定法バリデーションは株式会社ボゾリサーチセンター御殿場研究所（試験番号：A-2840）[1]で実施された。分析法の概略を以下に示した。

1) 測定対象物質

3-メトキシ-n-ブタノール

2) 標準物質

被験物質の一部を標準物質として使用した。

名称	:	3-メトキシ-n-ブタノール
ロット番号	:	SAJ1793
保存条件	:	冷所（冷蔵庫内、実測値：3~8°C）、遮光
保存場所	:	御殿場研究所　被験物質保存室及び分析研究部標準物質保存場所

3) 測定実測試料の調製

各測定試料を n=1 で採取し、以下の表に示すように希釈した測定実測試料を用時調製した。

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	20	1	10	200
60	1	30	1	20	600
200	1	100	1	20	2000

溶媒：精製水

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 : DB-WAX（0.25 mm I.D.×30 m、膜厚 0.25 μm、Agilent Technologies, Inc.）
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 : 2.0 mL/min
注入口 : スプリット注入口
スプリット比 : 5：1
注入口温度 : 200°C
検出器 : Flame ionization detector（FID）
検出器温度 : 220°C
H_2 流量 : 45 mL/min
Air 流量 : 450 mL/min
メイクアップガス（N_2）流量 : 40 mL/min
オーブン温度 : 90°C（Hold 0 分）→ 200°C（10°C/min、Hold 0 分）
注入量 : 1 μL

6.3 試験動物種及び系統の選択理由

毒性試験法ガイドラインに準じてげっ歯類であるラットを選択した。また、この試験に使用された系統のラットは一般毒性試験、生殖発生毒性試験に広く用いられ、かつ、その特性がよく知られており、背景資料が豊富であることから選択した。

6.4 試験動物

Sprague-Dawley 系 SPF ラット〔Crl:CD(SD)、日本チャールス・リバー株式会社、厚木飼育センター〕の雄 62 匹及び雌 83 匹をそれぞれ 8 週齢で入手[注)] し、入荷日を馴化 1 日と起算して、3 日間の検疫期間を含む 20 日間の馴化飼育を行った。その間、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）、体重測定（馴化 1、3、9、16 及び 20 日の 5 回、各測定日間の増加量を算出した）、詳細な一般状態の観察（群分け 5 日前の馴化 15 日に 1 回）を実施した。更に、雄について馴化 14 日に陰嚢内の精巣の触診及び陰茎亀頭の観察を実施し、雌については腟垢を検疫期間終了後群分け日まで採取して性周期（検疫期間終了後 14 日間）を調べた。その結果、精巣の小型化が雄の 1 例（耳標番号 724）で、性周期の異常が雌の 3 例（耳標番

号 753、791 及び 820）でみられた。これらの異常例を除き、健康と思われる雄 61 匹中 48 匹及び雌 80 匹中 68 匹を選択し、10 週齢で投与を開始した。投与開始時の体重の変動範囲は雄で 392~452 g（平均体重：419 g）、雌は 230~272 g（平均体重：252 g）であり、雌雄それぞれ平均体重の±20%以内であった。

なお、動物は検疫・馴化期間中の体重推移（入荷日~群分け時）により選別後、群分け当日（投与開始の前日）の体重に基づいて、非交配群も含め各群の平均体重ができるだけ均等となるよう各群に割付けた。個体の割付けはコンピュータを用いたブロック配置法及び無作為抽出法の組み合わせ（ブロック配置法で必要な群を構成し、試験群及び群内の個体番号を無作為に割当てた）により行った。

供試個体の選択条件を満たして余剰となった雌は交配予備動物（無処置動物）として継続飼育したが、使用しなかったため、全て交配期間終了後に（移管日：2016 年 11 月 14 日）試験から除外した。その他の雌雄残余動物は投与開始日（移管日：2016 年 10 月 18 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。

注）：試験計画書に従い、動物発注数は雄 60 匹及び雌 80 匹であったが、実際には雄 62 匹及び雌 83 匹が納入された。

6.5　飼育条件

動物は温度 23±3°C（実測値：23~24°C）、相対湿度 50±20%（実測値：43~50%）、換気回数 10~15 回/h、照明 12 時間/日（07:00~19:00）の動物飼育室（飼育室番号 906 号室）に収容した。動物は床敷（ALPHA-dri、Shepherd Specialty Papers Inc.、ロット番号：05116、07116）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）に、検疫・馴化期間中は同性 2 又は 3 匹ずつ、群分け後は仕切り板を入れて 2 区画とし、それぞれの区画で個別収容した。交配期間中の雄はプラスチックケージで個別に収容し、交配は雄のケージに雌を移動させて行った。交尾成立雌（妊娠 17 日以降）は床敷を入れたプラスチック製エコンケージ（W 340 × D 400 × H 185 mm：日本クレア株式会社）に 1 腹単位で収容した。

また、エンリッチメントとして、動物試験期間中毎週 1 回、7979C.CS certified/irradiated Diamond Twists (Envigo RMS, Inc.、ロット番号：7979C-011216P、7979C-051716P、7979C-082316P)を与えた。さらに、群分け後の雌雄のケージには 4 週間に 1 回程度の割合で chew toy （ステンレス棒）を設置した。

動物には CRF-1 固形飼料（放射線滅菌、オリエンタル酵母工業株式会社、ロット番号：160607、160705）をステンレス製給餌器により、御殿場市営水道水を自動給水装置（プラスチックケージでの飼育時）又は給水瓶（プラスチック製エコンケージでの飼育時）により自由に摂取させた。

混入物質の分析は、使用したロットの飼料をユーロフィン・フードアンドプロダクト・テスティング株式会社で、使用したロットの床敷を N·P Analytical Laboratories で実施し、データを入手した。飲料水は水道法に準拠した施設全体の水質の分析を定

期的（年 4 回）に芝浦セムテック株式会社に依頼し、得られたデータを入手した。これらのデータにより飼料、床敷及び飲料水並びにエンリッチメント中の混入物質が試験成績に影響を与える可能性のないことを確認し、分析報告書の写しを保存した。

6.6　動物の識別

動物は入荷時に耳標を装着し、個体識別した。また、検疫・馴化期間中に耳標番号の若い動物の尾に油性インクによる記号を記入し、補助識別とした。群分け後は試験群、性及び群内の個体番号が区別できるよう、4 桁の数字を割り当てた（表 1-1、1-2 の群構成表参照）。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つけ、試験番号、投与経路、投与量、性、動物番号、耳標番号、剖検予定日（雄及び非交配群雌）、交尾成立日（雄及び交配群雌）及び分娩日（交配群雌）を明記した。

また、ケージラベルの裏には試験番号、性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。

6.7　投与経路、投与期間及び投与回数並びに回復期間とそれらの選択理由

投与経路は毒性試験法ガイドラインに準じ、経口投与を選択した。投与期間（投与日数）は雄及び交配群雌で交配前 14 日、更に、雄で交配開始後 28 日間（計 42 日間）、交配群雌で交配期間及び妊娠期間を通して授乳 4 日まで（計 41~50 日間）、非交配群の雌で 42 日間とし、妊娠 25 日未分娩動物（動物番号：2108）及び死亡動物（動物番号：3101）ではそれぞれ剖検前日まで投与した。投与回数は一般的に行われている 1 日 1 回とした。

回復動物の回復期間（回復日数）は 42 日間の投与期間が終了した後、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について観察するため、14 日間を設定した。

6.8　投与方法

投与方法は、げっ歯類の経口投与に際して一般的な強制経口投与とした。投与容量は 5.0 mL/kg 体重とし、スターラーを用いて攪拌した状態で投与液を注射筒に吸引し、フレキシブル胃ゾンデを用いて 08:11~11:42 の間に投与した。ただし、投与時に分娩途中であった動物は分娩終了を待って、13:51~15:04 の間に投与した。対照群には媒体のみを同様に投与した。個体ごとの投与液量は直近の体重を基準（表示単位：0.1mL）に算出した。

6.9　投与量及び群分け

投与量は 100、300 及び 1000 mg/kg の 3 用量とし、これに媒体を投与する対照群を加え、計 4 群構成とした。1 群当たりの動物数は、交配を行う動物として各群で雌雄

各 12 匹、交配しない非交配群の対照群及び高用量群で雌各 10 匹とした。なお、対照群及び高用量群における雄の 5 匹と非交配群の雌の 5 匹は、最終投与終了日以降回復動物とした。

群構成を表 1-1.及び 1-2.に示した。

表 1-1.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)	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
対照群	0	0	5.0	7	1001-1007	5	1008-1012
低用量群	100	20	5.0	12	2001-2012		
中用量群	300	60	5.0	12	3001-3012		
高用量群	1000	200	5.0	7	4001-4007	5	4008-4012

表 1-2.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
対照群	0	0	5.0	12	1101-1112	5	5101-5105	5	5106-5110
低用量群	100	20	5.0	12	2101-2112				
中用量群	300	60	5.0	12	3101-3112				
高用量群	1000	200	5.0	12	4101-4112	5	6101-6105	5	6106-6110

6.10　投与量の設定根拠

本試験の投与量は、先に実施した「3-メトキシ-n-ブタノール：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）、株式会社ボゾリサーチセンター、試験番号：N-R059、投与量：250、500 及び 1000 mg/kg」[2]の結果（Attached Data 6）を参考に設定した。すなわち、1000 mg/kg 群でヘモグロビン量、ヘマトクリット値のわずかな低値が認められたが、一般状態、体重、摂餌量、血液化学検査、剖検所見及び器官重量に被験物質投与による影響は認められなかった。したがって、本試験ではガイドラインに示されている限度試験の最高投与量である 1000 mg/kg を高用量とし、以下公比約 3 で除して 300 及び 100 mg/kg をそれぞれ中及び低用量に設定した。

6.11　観察及び検査の方法

試験日の起算は下記の通りとした。

投与開始日　：投与 1 日
投与 1 日から 7 日　：投与 1 週
回復開始日（投与 42 日の翌日）　：回復 1 日
回復 1 日から 7 日　：回復 1 週
交尾成立日　：妊娠 0 日
分娩終了日（出産日）　：授乳 0 日

出生日　　：生後 0 日

6.11.1　一般状態の観察

全個体について、投与期間中は毎日 3 回（投与前、投与直後及び投与 1~3 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 2 回（午前・午後）、剖検日は 1 回（午前）、それぞれ生死、身体の外観、姿勢、行動及び排泄物（尿、糞）などの一般状態における異常の有無を観察した。なお、投 2 日以降の動物のハンドリングを伴った定期的な観察は、詳細な一般状態の観察と兼ねて行った。

6.11.2　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個体について行った。

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、交配期間中、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、交配開始後 6 日に未交尾であった雌 1 例（動物番号 : 2107）は、交配開始後 6 日、分娩動物は授乳 4 日）にそれぞれ行った。このうち、交配開始後 6 日に未交尾であった雌 1 例（動物番号 : 2107）の交配開始後 6 日の成績は、対照群の該当するデータがないことから評価から除外した。

機能検査、握力測定及び自発運動量測定は、各群の雌雄各 5 匹（雄の群内番号 8~12 番、各群の交配群雌の分娩順で動物番号が若い順注）について行った。投与期間中は交配群雌では授乳 4 日（投与 41~43 日）に、その他は投与期間終了週（投与 6 週、投与 37 日）に、回復期間中は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 2 週、回復 9 日）に行った。

上記の観察、検査及び測定は、動物をランダムにブラケット式金属製網ケージ（W254 × D350 × H170 mm : リードエンジニアリング株式会社。ただし、プラスチック製エコンケージに収容された母動物はケージのまま移動した）に配置し、観察者に対して投与量などの情報を制限（ブラインド化）した状態で行った。ただし、自発運動量測定に関しては、ブラインド化を行わなかった。なお、詳細な一般状態の観察及び機能検査の観察・検査結果については、実数データ以外はスコア化した評点法を用いて記録した。

注）：交配群雌の検査対象動物を以下に示した。

試験群	動物番号
対 照 群	1101、1104、1105、1106、1112
低用量群	2101、2105、2109、2110、2111
中用量群	3103、3104、3105、3107、3111
高用量群	4105、4106、4107、4108、4109

1)　詳細な一般状態の観察

ケージ内観察は姿勢、痙攣、異常行動を、手に持っての観察は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を、オープンフィールド内観察は覚醒状態、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）を調べた。

2)　機能検査

検査は聴覚反応、接近反応、接触反応、痛覚反応、瞳孔反射、空中正向反射、着地開脚幅とした。

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。

4)　自発運動量の測定

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。

6.11.3　体重測定

雄及び非交配群雌は投与 1、8、15、22、29、36、42 日及び剖検日に、回復動物は更に回復 1、8、14 日及び剖検日に、交配群雌は投与 1、8、15 及び 22 日（投与 22 日は統計解析から除外した）、妊娠 0、7、14 及び 20 日、授乳 0 及び 4 日並びに剖検日に体重を測定した（07:50~10:02 の間（投与期間中は投与前））。

なお、投与後に分娩が終了した母動物の授乳 0 日の体重は 08:20~17:02 の間に、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 07:21~09:02 の間に測定した。また、死亡動物（動物番号：3101）及び妊娠 25 日未分娩動物（動物番号：2108）は搬出前に体重を測定したが統計解析からは除外した。

6.11.4　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 及び 4 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。給餌量及び残餌量の測定は測定日の 07:17~10:11 の間に行った。

6.11.5　腟垢検査

交配群雌の全個体は投与開始日から交尾成立まで毎日（午前）腟垢を採取した。交配前投与期間中の標本は、多数の角化上皮細胞から成る腟垢像を発情の指標とし、発情回数及び発情期から次の発情期までの日数（性周期）、観察雌数に対する性周期異常を示した雌数の割合を調べた。交配期間中は腟垢内の精子の有無を調べるのに加え、腟垢像を発情前期(P)、発情期(E)、発情後期(M)及び発情休止期(D)に分類したが、データは参考成績とした。

なお、P→E→M→D（→P）の順序で周期的変化を示し、4 又は 5 日の周期を繰り返す個体を正常、それ以外を性周期異常とした。

非交配群雌は、交配群の交配成績から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が認められなかったことから、腟垢検査は実施しなかった。

6.11.6　交配方法

交配前投与期間終了後、同じ投与量の雄及び交配群雌を 1:1 で終夜同居させ、翌朝、腟内の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（同居期間）を求めた。同居期間は最長 9 日間であった。

6.11.7　分娩及び哺育観察

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、妊娠 25 日は午前に 1 回）、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 4 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 5 日に病理学検査に供した。なお、授乳 1 日に死亡した母動物（動物番号：3101）は、体重を測定し、病理学検査に供した。

妊娠 25 日の午前までに分娩しなかった雌動物（動物番号：2108）は、イソフルラン麻酔下で採血後、腹大動脈切断により放血致死させ、剖検を行った結果、着床は認められなかったため不妊と判断した。この動物の妊娠期間中のデータは統計解析より除外した。

2)　出生児の観察

生後 0 日に出生児数及び死産児数を数え、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[注)]の有無を肉眼的に観察して性別を確認した。出生児は体重を個体別に測定した後、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。

生後 4 日まで毎日 1 回、死亡児の有無を確認した。死亡児は肉眼で異常の有無を観察した後、ブアン液で固定して保存した。生後 4 日に全生存児の性別を確認し、個体別に体重を測定した。外表異常の有無を肉眼的に観察した後、イソフルラン深麻酔下でブアン液に浸漬し、固定して保存した。

注）：頭部の陥没や裂、顔面の鼻吻や上下顎、口唇のゆがみや裂、眼瞼や耳介の大きさ、形状、左右のバランス、胸胴部のゆがみや大きさ、内部臓器の突出、尾部の長さ、形状、数、欠損、四肢部の長さ、形状、指の数、欠損及び左右のバランスに注意して観察し、正常と異なる場合を異常とした。

6.11.8　尿検査

投与期間終了週（投与 6 週、投与 39~40 日）及び回復期間終了週（回復 2 週、回復 11~12 日）に検査を行った。

投与期間中は検査当日の投与後に各群の雌雄各 5 匹（雄の群内番号 8~12 番、非交配群雌の群内番号 6~10 番）について、回復期間中は回復動物の全個体について、それぞれ採尿器をセットしたケージに収容し、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 時間尿を採取した。検査項目を表 2.に示した。採取した最初の 4 時間尿について pH 以下沈渣までの検査と尿量を、その後に得られた 20 時間尿について浸透圧、電解質（ナトリウム、カリウム及び塩素）及び尿量の測定を行った。尿量は 4 時間の尿量と 20 時間の尿量を合計して 1 日量を算出した。電解質は 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。

表 2.尿検査の項目、測定法及び使用機器など

検査項目	測定方法
pH	ﾏﾙﾃｨｽﾃｨｯｸｽ試験紙 [a)]
たん白質	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）	目盛付スピッツ管を用いた容量測定（単位：mL）
浸透圧	氷点降下法 [b)]（単位：mOsm/kg）
ナトリウム	イオン選択電極法 [c)]（単位：mmol/24h）
カリウム	イオン選択電極法 [c)]（単位：mmol/24h）
塩素	イオン選択電極法 [c)]（単位：mmol/24h）
尿量（20 時間量）	容量測定（単位：mL）

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., Illinois, USA）
b)：自動浸透圧測定装置 オズモステーション OM-6060（アークレイ株式会社）
c)：臨床化学自動分析装置　TBA-120FR 形（東芝メディカルシステムズ株式会社）

6.11.9　血液学検査

全例について、剖検前日（最終投与日あるいは回復 14 日）から一夜（16~21 時間）絶食させた。そのうち、投与終了時には各群雌雄各 5 匹（動物番号が若い順、ただし、交配群雌は分娩順の 5 匹注）、さらに対照群と高用量群については非交配群雌の群内番号 1~5 の各 5 匹、回復期間終了時には対照群及び高用量群の雄の群内番号 8~12 番の動物及び非交配群雌の群内番号 6~10 の各 5 匹について、イソフルラン麻酔下に開腹し、腹大動脈から EDTA-2K 加採血瓶（SB-41：シスメックス株式会社）に血液（約 1 mL）を採取した。得られた血液は、以下の表 3 の 1)に記載した項目及び方法により検査した。また、3.8%クエン酸ナトリウム溶液加試験管（血液 9 容に対し 1 容の割合）に採取した血液（0.9 mL）を遠心分離（3,000 rpm、約 1,600×g、10 分間）し、得られた血漿について表 3 の 2)に記載した項目及び方法により検査した。なお、採血した全例について、May-Grünwald-Giemsa 染色法による血液塗抹標本を作製したが、鏡検しなかった。

妊娠 25 日未分娩動物についても採血し同様に検査したが、その成績は統計解析から除外した。

注)：交配群雌の検査対象動物を以下に示した。

試験群	動物番号
対 照 群	1101、1104、1105、1106、1112
低用量群	2101、2105、2109、2110、2111
中用量群	3103、3104、3105、3107、3111
高用量群	4105、4106、4107、4108、4109

表 3.血液学検査の項目、測定法及び使用機器など

1）EDTA-2K 加血液についての検査		
検査項目	測定方法	単位
赤血球数(RBC)	2 角度レーザーフローサイトメトリー法 a)	10^4/μL
ヘモグロビン量(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)	赤血球数及び平均赤血球容積から算出 a)	%
平均赤血球容積(MCV)	2 角度レーザーフローサイトメトリー法 a)	fL
平均赤血球血色素量(MCH)	赤血球数及びヘモグロビン量から算出 a)	pg
平均赤血球血色素濃度(MCHC)	ヘモグロビン量及びヘマトクリット値から算出 a)	g/dL
網赤血球率(RETIC)	RNA 染色によるレーザーフローサイトメトリー法 a)	%
血小板数(PLT)	2 角度レーザーフローサイトメトリー法 a)	10^4/μL
白血球数(WBC)	2 角度レーザーフローサイトメトリー法 a)	10^2/μL
白血球百分率注)	ペルオキシダーゼ染色によるフローサイトメトリー法 +2 角度レーザーフローサイトメトリー法 a)	%
白血球各細胞の絶対数注)	ペルオキシダーゼ染色によるフローサイトメトリー法 +2 角度レーザーフローサイトメトリー法 a)	10^2/μL
2）クエン酸ナトリウム加血液から分離した血漿についての検査		
検査項目	測定方法	単位
プロトロンビン時間(PT)	クロット法 b)	s
活性化部分トロンボ プラスチン時間(APTT)	クロット法 b)	s
フィブリノーゲン量(FIB)	トロンボプラスチン法 b)	mg/dL
使用測定機器 a)：総合血液学検査装置　アドヴィア 120（Siemens Healthcare Diagnostics Inc., Illinois, USA） b)：血液凝固自動分析装置　ACL Elite Pro（Instrumentation Laboratory, MA, USA）		
注）：好中球(NEUT)、好酸球(EOS)、好塩基球(BASO)、リンパ球(LYMP)、単球(MONO) 及び大型非染色球(LUC)		

6.11.10　血液化学検査

血液学検査用試料と同時に、血液（約 6 mL）を凝固促進剤入り試験管（ベノジェクト II-オートセップ：テルモ株式会社）に採り、遠心分離（3,000 rpm、約 1,600×g、10 分間）し、得られた血清について表 4 の 1)に記載の項目及び方法により検査した。また、ヘパリン加試験管（血液 1 mL 当たり約 20 単位のヘパリン）に採取した血液を遠心分離（3,000 rpm、約 1,600×g、10 分間）して得られた血漿について表 4 の 2)に記載の項目及び方法により検査した。なお、妊娠 25 日未分娩動物についても同様に検査したが、その成績は統計解析から除外した。血清の一部（妊娠 25 日未分娩動物を除く）は血中ホルモン測定に備え、約 0.5 mL×3 本ずつサンプルチューブに分注し、−80°C の冷凍庫（許容範囲：−70°C 以下）に保存したが、ホルモン測定は行わなかったことから試験終了時に廃棄した。

表 4.血液化学検査の項目、測定法及び使用機器など

1）分離した血清についての検査		
検査項目	測定方法	単位
ALP	Bessey-Lowry 法 [a)]	IU/L
総胆汁酸（T-BA）	3α-ヒドロキシステロイドデヒドロゲナーゼ [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
総たん白質(TP)	Biuret 法 [a)]	g/dL
アルブミン(ALB)	BCG 法 [a)]	g/dL
A/G 比	総たん白質及びアルブミンから算出	
2）ヘパリン加血液から分離した血漿についての検査		
検査項目	測定方法	単位
AST	UV-rate 法 [a)]	IU/L
ALT	UV-rate 法 [a)]	IU/L
LDH	UV-rate 法 [a)]	IU/L
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
使用測定機器		
a)：臨床化学自動分析装置　TBA-120FR 形（東芝メディカルシステムズ株式会社）		

6.11.11　血中ホルモン測定

他の観察及び検査結果から下垂体-甲状腺系への影響が認められなかったため、血中ホルモン（T_3、T_4 及び TSH）測定は行わなかった。

6.11.12　病理学検査

1)　剖検及び器官重量測定

雄、交配群雌及び非交配群雌の投与終了時剖検群の動物は最終投与翌日に、雄及び非交配群雌の回復動物は回復期間終了日に、それぞれ採血した動物は採血後に、その他の動物はイソフルラン麻酔下で、腹大動脈切断により放血致死させ、体外表並びに頭部、胸部及び腹部の器官・組織の肉眼観察を行った。妊娠 25 日未分娩動物（動物番号：2108）も同様に、採血して放血致死させた後に剖検を行った。死亡動物（動物番号：3101）は死亡発見日に剖検した。なお、母動物は剖検時に黄体数及び着床痕数を数えた。

全個体について、以下に示す器官の重量を測定した。それらの器官重量（絶対重量）と剖検時の体重から体重 100 g 当たりの相対重量を算出した。なお、*印をつけた両側性の器官については左右別々に測定し、その合計値で評価した。妊娠 25 日未分娩動

物についても同様に器官重量を測定したが、剖検日の体重も含め統計解析の対象から除外した。

脳、下垂体、甲状腺*（上皮小体を含む）、副腎*、胸腺、脾臓、心臓、肝臓、腎臓*、精巣*、精巣上体*、前立腺、精嚢（凝固腺を含む）、卵巣*、子宮

2)　病理組織学検査

全個体について､以下に示す検査対象器官/組織をリン酸緩衝 10%ホルマリン液で固定し、保存した。ただし、眼球、視神経は 3%グルタルアルデヒド・2.5%ホルマリン液で固定した後、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。次いで、計画剖検時に採血した各群雌雄各 5 匹（動物番号が若い順、ただし、交配群雌は分娩順の 5 匹）、死亡動物（動物番号：3101）、交尾はしたが雌が不妊であった雌雄（雌動物番号：2108、雄動物番号：2008）についてパラフィン包埋した後、切片とし（検査対象器官/組織に下線を施した器官・組織は固定・保存のみとした）、ヘマトキシリン・エオジン（H・E）染色標本を作製した。鏡検は、回復動物全例､投与期間終了時剖検群における対照群及び高用量群の採血を行った動物、死亡動物、交尾したが雌が不妊であった雌雄の全検査対象器官/組織について行った。両側性の器官は両側を摘出し、甲状腺、上皮小体、坐骨神経、眼球、視神経、顎下腺、舌下腺、腎臓、皮膚（鼠径部）、乳腺（鼠径部）、大腿骨（骨髄を含む）及び大腿部骨格筋は片側、副腎、ハーダー腺、精巣、卵巣、精巣上体及び精嚢（凝固腺含む）は両側、子宮は両子宮角及び頸部を鏡検した。その結果、高用量群の雌雄ともに被験物質投与によると考えられる変化はみられなかったため、中及び低用量群は鏡検しなかった。

大脳、小脳（橋を含む）、坐骨神経、脊髄（胸部）、眼球、視神経、<u>ハーダー腺</u>、下垂体、甲状腺、上皮小体、副腎、胸腺、脾臓、顎下リンパ節、腸間膜リンパ節、心臓、<u>胸大動脈</u>、気管、肺（気管支を含む）、<u>舌</u>、<u>喉頭</u>、<u>食道</u>、胃、十二指腸、空腸、回腸（パイエル板を含む）、盲腸、結腸、直腸、顎下腺、舌下腺、肝臓、膵臓、腎臓、膀胱、精巣、卵巣、精巣上体、子宮、腟、前立腺、精嚢（凝固腺を含む）、皮膚（鼠径部）、乳腺（鼠径部）、<u>胸骨（骨髄を含む）</u>、大腿骨（骨髄を含む）、大腿部骨格筋、<u>個体識別部（耳標を装着した耳介）</u>

6.12　統計解析

6.12.1　パラメータの算出

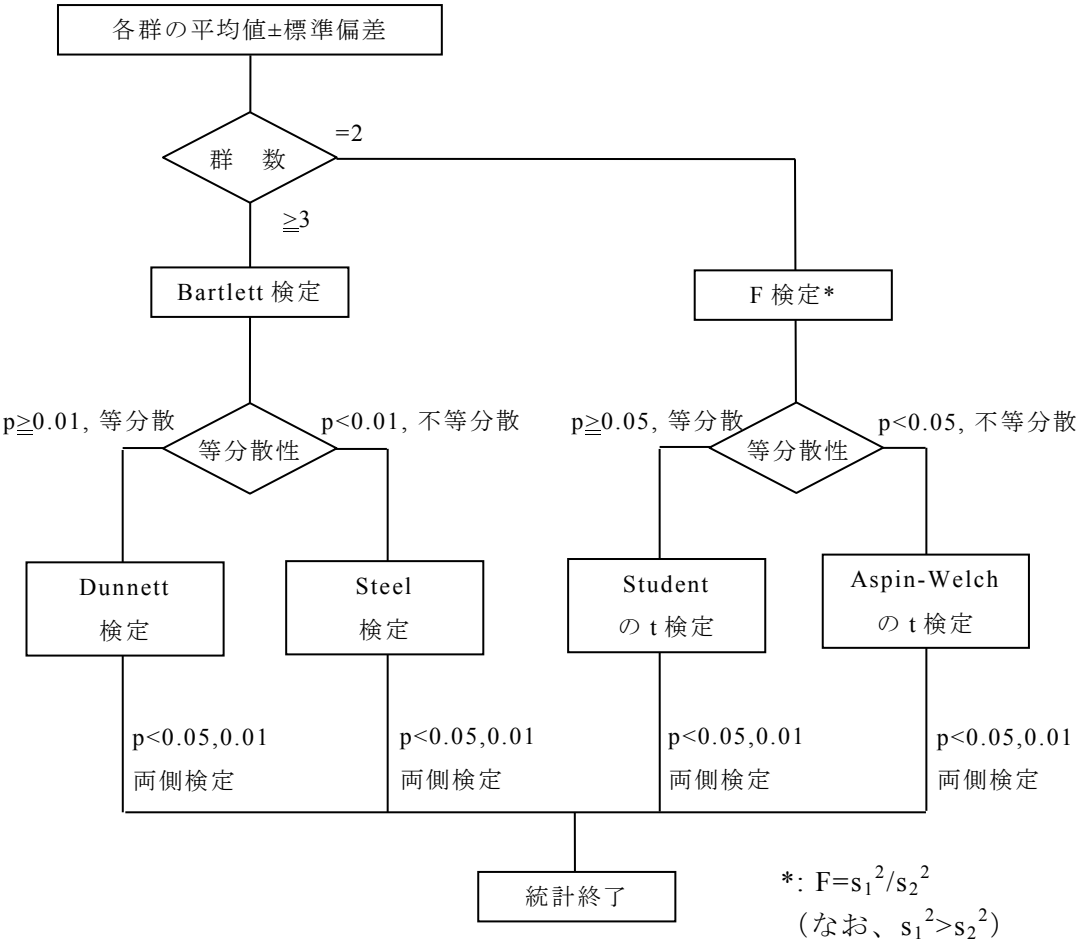
以下の式により性周期異常率、交尾率、授精率、受胎率及び出産率、生後 0 及び 4 日の性比を群ごとに、妊娠期間、着床前死亡率、着床率、分娩率、外表異常率、出生率、生後 4 日生存率を母動物（腹）ごとに算出した。なお、出生児の体重については母動物ごと雌雄別に平均値を求めた。

性周期異常率(%) =（性周期異常を示した個体数/観察雌個体数）×100
交尾率(%) =（交尾動物数/同居動物数）×100
授精率(%) =（雌を妊娠させた雄の数/交尾した雄の数）×100
受胎率(%) =（妊娠した雌の数/交尾した雌の数）×100
出産率(%) =（出生児出産雌数/妊娠雌数）×100
妊娠期間(日) = 妊娠 0 日から分娩した日までの日数
着床前死亡率(%) =〔（黄体数−着床痕数）/黄体数〕×100
着床率(%) =（着床痕数/黄体数）×100
分娩率(%) =（出産児数/着床痕数）×100
外表異常率(%) =（外表異常児数/出産児数）×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 0 日（死産児含む）の性比(%) =（雄出産児数/出産児数）×100
生後 0 日（出生児）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

6.12.2 検定

対照群と各用量群との差について以下の手法により統計学的有意性の検定を行った。解析には SAS Release 9.1.3（SAS Institute Inc.）を使用した。

体重、体重増加量（雄及び非交配群雌：投与 1~42 日及び回復 1~14 日、交配群雌：投与 1~15 日、妊娠 0~20 日及び授乳 0~4 日、出生児：生後 0~4 日）、摂餌量（総摂餌量含む）、発情期像発現回数、性周期（発情周期）、交尾までに要した日数、妊娠期間、黄体数、着床痕数、生存児数、オープンフィールド内観察（排糞数、立ち上がり回数）、機能検査（着地開脚幅）、握力及び自発運動量、尿検査の定量的項目、血液学検査、血液化学検査及び器官重量（含、剖検時体重）は、群ごとに平均値及び標準偏差を求め、次に示す模式図の方法に従って検定した[3] [4] [5]。



着床前死亡率、着床率、分娩率、外表異常率、出生率及び生後 4 日生存率並びに空中正向反射スコアについては、母動物ごとに率を求めた後、群ごとに平均値及び標準偏差を求め、Wilcoxon の順位和検定（有意水準 0.05 及び 0.01、両側）を行った[6]。

性周期異常率、交尾率、授精率、受胎率及び出産率、性比（生後 0 及び 4 日）並びに聴覚反応、接近反応、接触反応、痛覚反応及び瞳孔反射の各反応・反射スコアは、各群の性周期異常を示した個体数、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、雌雄児数、正常反応・反射のみられた動物数より算出し、Fisher の直接確率計算法により検定（有意水準 0.05 及び 0.01、両側）を行った[7]。

6.13　データ採取に使用するコンピュータシステム

- MiTOX-BOZO システム（Version 9.3.1.1、三井造船システム技研株式会社）
- Pathos5 システム（Version 5, Pathology Operating Systems Ltd.）

7. 試験結果

7.1 一般状態（Table 1-1~1-11、Appendix 1-1~1-34）

1) 投与期間

300 mg/kg 群の交配群雌の 1 例（動物番号：3101）は、授乳 0 日より自発運動の減少、体温低下及び呼吸速迫を呈し、授乳 1 日の朝に死亡した。

流涎が 1000 mg/kg 群の雄で投与 27、28、36、38~40、42 日にそれぞれ 1~2 例、交配群雌で妊娠 8、10~13、15、16 日に 1~3 例、非交配群雌で投与 22~29、33~36、38 日にそれぞれ 1~2 例認められた。

この他、皮下の腫瘤が 1000 mg/kg 群の交配群雌で 1 例（動物番号：4107）に、授乳 2 日以降剖検日まで認められた。この腫瘤は病理組織学的に乳腺の腺癌であった。乳腺の腺癌は同系統において若齢でもみられることが報告されており[8]、試験施設においても稀（8 試験で 1 例）に発生することから、被験物質投与の影響ではないと判断した。

2) 回復期間

いずれの動物にも異常はみられなかった。

7.2 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（Fig. 1~4、Table 2-1~2-167、Appendix 2-1~2-336）

7.2.1 ホームケージ内観察（Table 2-1~2-23、Appendix 2-1~2-72）

1) 投与期間

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。

7.2.2 手に持っての観察（Table 2-24~2-82、Appendix 2-73~2-144）

1) 投与期間

流涎が 1000 mg/kg 群の雄で投与 4~6 週に 1~2 例、交配群雌で妊娠 20 日及び授乳 4 日に各 1 例みられた。このうち、雄の 1000 mg/kg 群の投与 5 週の 1 例は中等度であったが、これ以外はすべて軽度な変化であった。

ハンドリング時の発声が雄では対照群で投与 2 週に 1 例、4 週に 1 例で、300 mg/kg 群で投与 4 週に 1 例で、1000 mg/kg 群で投与 2 週に 3 例、3 及び 4 週に各 1 例でみられた。また、交配群雌では対照群で投与 1 及び 2 週に各 1 例で、300 mg/kg 群で投与 2 週に 2 例、妊娠 1 日に 1 例で、1000 mg/kg 群で投与 1 週と妊娠 1 日に各 1 例で、非交配群雌では 1000 mg/kg 群で投与 1 週に 1 例でそれぞれ認められた。

さらに、ハンドリングに対する反応の亢進が、雄では対照群で投与 2 週に 1 例で、交配群雌では投与第 2 週に対照群の 1 例及び 300 mg/kg 群の 2 例で、非交配群雌では 1000 mg/kg 群で投与 1 週に 1 例でそれぞれ認められたが、ハンドリング時の発声及び

ハンドリングに対する反応の亢進は、いずれも対照群においても散見され用量依存性が認められない反応であり、対照群、被験物質投与群とも全て軽度な反応で程度に差がないことから、偶発的な反応を記録したもので、被験物質投与の影響ではないと判断した。

2) 回復期間

いずれの動物にも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。

7.2.3 オープンフィールド内観察（Table 2-83~2-151、Appendix 2-145~2-288）

1) 投与期間

立ち上がり回数の有意な低値が雄では 100 mg/kg 群で投与 2 週、300 mg/kg 群で投与 3 週、1000 mg/kg 群で投与 1、2 及び 6 週に認められた。

2) 回復期間

立ち上がり回数の有意な高値が回復 2 週の雌で認められた。

7.2.4 機能検査（Table 2-152~2-159、Appendix 2-289~2-312）

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異常はみられず、着地開脚幅には対照群と各被験物質投与群との間に有意差は認められなかった。

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異常はみられず、着地開脚幅には対照群と 1000 mg/kg 群との間に有意差は認められなかった。

7.2.5 握力（Table 2-160~2-163、Appendix 2-313~2-324）

1) 投与期間終了週測定

対照群と各被験物質投与群との間に有意差は認められなかった。

2) 回復期間終了週測定

対照群と 1000 mg/kg 群との間に有意差は認められなかった。

7.2.6 自発運動量（Fig. 1~4、Table 2-164~2-167、Appendix 2-325~2-336）

1) 投与期間終了週測定

自発運動量の有意な高値が 100 mg/kg 群の交配群雌で授乳 4 日の観察開始後 40~50 分に認められたが、用量と関連のない変化であった。

2) 回復期間終了週測定

1000 mg/kg 群の雌雄いずれも対照群との間に有意差は認められなかった。

7.3　体重（Fig. 5~11、Table 3-1~3-7、Appendix 3-1~3-22）

1)　投与期間

雄及び非交配群雌では、各被験物質投与群ともに投与期間を通じて対照群と同様な体重推移を示し、有意差は認められなかった。

交配群雌では、交配前、妊娠及び授乳の各期間中、各被験物質投与群ともに対照群と同様な体重推移を示し、有意差は認められなかった。

2)　回復期間

1000 mg/kg 群の雌雄いずれも対照群との間に有意差は認められなかった。

7.4　摂餌量（Fig. 12~18、Table 4-1~4-7、Appendix 4-1~4-22）

1)　投与期間

1000 mg/kg 群の雄及び非交配群雌で投与 2 日に有意な低値がみられた。また、100 mg/kg 群の交配群雌で交配前投与期間の総摂餌量に有意な高値が認められたが、用量との関連のない変化であった。

2)　回復期間

1000 mg/kg 群の雌雄いずれも対照群との間に有意差は認められなかった。

7.5　尿検査（Table 5-1~5-24、Appendix 5-1~5-30）

1)　投与期間終了週検査

定性項目について、雄では 300 mg/kg 群で pH が中性から弱酸性を示した個体が 3 例、1000 mg/kg 群で中性を示すものが 1 例みられた。非交配群雌の 1000 mg/kg 群で pH が中性から弱酸性を示した例が 5 例、ケトン体が陽性を示した例が 3 例認められた。

定量項目については、いずれの検査項目においても被験物質投与群と対照群との間に有意差は認められなかった。

2)　回復期間終了週検査

定性項目について、いずれの検査項目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。定量項目については、いずれの検査項目においても 1000 mg/kg 群と対照群との間に有意差は認められなかった。

7.6　血液学検査（Table 6-1~6-7、Appendix 6-1~6-15）

1)　投与期間終了時検査

1000 mg/kg 群の雄で血小板数の有意な高値、交配群雌で好塩基球の数及び百分率の有意な高値、非交配群雌で好塩基球百分率の有意な低値が認められた。

2)　回復期間終了時検査

1000 mg/kg 群の雄で単球の数及び百分率の有意な低値、雌でリンパ球百分率の有意な高値、好中球の数及び百分率の有意な低値が認められた。

7.7　血液化学検査（Table 7-1~7-7、Appendix 7-1~7-15）

1)　投与期間終了時検査

1000 mg/kg 群の雄で無機リン濃度の有意な高値が認められた。

この他、300 mg/kg 群の交配群雌で総タンパク質の有意な低値が認められたが、用量と関連のない変化であった。非交配群雌には変化がみられなかった。

2)　回復期間終了時検査

雄では変化は認められなかった。雌では 1000 mg/kg 群で A/G 比の有意な高値が認められた。

7.8　器官重量（Table 8-1~8-7、Appendix 8-1~8-31）

1)　投与期間終了時検査

1000mg/kg 群の雄及び非交配群雌では、腎臓の絶対及び相対重量の有意な高値が認められた。

雄では脳下垂体の相対重量の有意な低値が 300 mg/kg 群で認められ、1000 mg/kg 群においても低値傾向を示した。交配群雌では、1000 mg/kg 群で肝臓の絶対重量及び相対重量の高値が認められた。

この他、交配群雌では 300mg/kg 群で甲状腺の絶対重量の有意な高値が認められたが、用量との関連はなく偶発変化と判断した。

2)　回復期間終了時検査

1000 mg/kg 群の非交配群雌では、胸腺の絶対及び相対重量の有意な高値が認められた。

7.9　剖検所見（Table 9-1~9-7、Appendix 9-1~9-116）

1)　投与期間終了時及び回復期間終了時検査

いずれの動物にも被験物質投与に起因すると考えられる変化はみられなかった。

なお、いくつかの器官/組織に組織学的変化がみられたが、その発現状況あるいは病理学的性状から被験物質投与と関係しない偶発性変化と判断した。

2)　死亡動物

300 mg/kg 群で認められた死亡動物（動物番号：3101）では、異常は認められなかった。

3)　不妊動物及びその交配相手雄

100 mg/kg 群で認められた不妊動物及びその交配相手雄（雄動物番号：2008、雌動物番号：2108）では肉眼的変化はみられなかった。

7.10　病理組織学検査（Table 10-1~10-21、Appendix 9-1~9-116）

1)　投与期間終了時及び回復期間終了時検査

いずれの器官/組織においても被験物質投与に起因すると考えられる変化はみられなかった。

なお、いくつかの器官/組織に組織学的変化がみられたが、その発現状況あるいは病理学的性状から被験物質投与と関係しない偶発性変化と判断した。

2) 死亡動物

死亡した 300 mg/kg 群の雌の 1 例（動物番号：3101）では、下垂体前葉の嚢胞、副腎皮質細胞の肥大、回腸パイエル板の萎縮、顎下リンパ節及び腸間膜リンパ節の萎縮、肝臓の限局性壊死、顎下腺の腺房細胞のび漫性肥大、脾臓の白脾髄の萎縮、胸腺の萎縮が認められた。これら所見は、一般状態の悪化やストレスに関連するものと考えられる。この母動物では分娩日（授乳 0 日）に一般状態で自発運動の減少、体温低下及び呼吸速拍がみられ、授乳 1 日に死亡を発見したものの、妊娠期間中の体重及び摂餌量、分娩前の一般状態には異常がなかったことを考慮すると、死因は出産後の状態悪化によるものと推測される。しかし、死亡の発現状況に用量との関連がないこと、この死亡個体と、自然発生病変と考えられる乳腺の腺癌を除外すると、本試験で認められた一般状態の変化は流涎のみであり、悪化しても直ちに死亡に結びつくと考えられる一般状態の変化は認められないことから被験物質投与による影響とは考えられない。

3) 不妊動物及びその交配相手雄

不妊動物（妊娠 25 日未分娩動物）が、100 mg/kg 群で 1 例（動物番号：2108）みられたが、同例及びその交配相手雄（動物番号：2008）では不妊の原因を示唆する病理組織学的変化はみられなかった。

7.11 性周期（Table 11、Appendix 10-1~10-8）

性周期異常が 100 及び 1000 mg/kg 群で各 1 例（動物番号：2107、4108）にみられたが、性周期異常率、発情期像発現回数及び性周期（発情周期）には対照群と各被験物質投与群との間に有意差は認められなかった。

7.12 交配成績（Table 12-1 及び 12-2、Appendix 11-1~11-8）

100 mg/kg 群の 1 例（雄動物番号：2007、雌動物番号：2107）を除き、交配 5 日以内に交尾し、14 日間の交配期間中に全例が交尾した。300 mg/kg 以上の被験物質投与群で交尾までに 6 日以上を要した個体はなく、交尾までに要した日数、交尾率、授精率及び受胎率には対照群と各被験物質投与群との間に有意差は認められなかった。

7.13 分娩成績（Table 13、14-1、Appendix 12-1~12-4、13-1~13-4）並びに分娩及び哺育状態（Table 1-5 及び 1-6、Appendix 1-17~1-24）

妊娠期間、出産率、黄体数、着床痕数、着床前死亡率、着床率、分娩率、出生率、出産児数、出生児数及び生後 0 日の性比（出産児あるいは出生児）並びに外表異常率には対照群と各被験物質投与群との間に有意差は認められなかった。

なお、妊娠 25 日に至っても未分娩の 100 mg/kg 群の 1 例（動物番号：2108）は、着床痕を確認できず、不妊であった。300 mg/kg 以上の群の雌全例が妊娠した。

妊娠動物の分娩状態では妊娠 21.5 から 22.5 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。

7.14　出生児の生存性及び性比（Table 15、Appendix 14-1~14-4）

生後 4 日間の生存率及び性比には対照群と各被験物質投与群との間に有意差は認められなかった。

7.15　出生児の体重（Table 16-1 及び 16-2、Appendix 15-1~15-8）

300 mg/kg 群の雄で生後 0 日の出生児体重が有意な低値を示したが、用量との関連のない変化であった。生後 4 日の雌雄体重並びに生後 0~4 日の間の体重増加量には対照群と各被験物質投与群との間に有意差は認められなかった。

7.16　死亡児の肉眼観察所見（Table 17、Appendix 16-1~16-4）

いずれの死亡児にも肉眼的異常はみられなかった。

7.17　出生児の生後 4 日肉眼観察所見（Table 14-2、Appendix 13-5~13-8）

いずれの出生児にも肉眼的異常はみられなかった。

8. 考察

3-メトキシ-n-ブタノールの 0（対照群：注射用水）、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）、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 4 日まで（41~50 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、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、毒性変化の可逆性及び遅発性毒性の有無を検討した。なお、妊娠 25 日未分娩動物（動物番号：2108）及び死亡動物（動物番号：3101）では、それぞれ剖検前日まで投与した。

8.1 反復投与毒性

被験物質投与による死亡はみられなかった。300 mg/kg 群の交配雌の 1 例では、分娩日から一般状態で自発運動の減少、体温低下及び呼吸速拍がみられ、授乳 1 日に死亡した。しかし、死亡の発現に用量との関係はみられないこと、病理学検査では死因になり得ると考えられる変化はみられず、他の動物において、悪化すると直ちに死因となると考えられる一般状態及び病理所見は、偶発所見と考えられる 1 例の乳腺の腺癌を除いて認められないことから、死亡は被験物質投与によって引き起こされたものではないと判断した（7.10 項参照）。

1000 mg/kg 群の、雄、交配群雌、非交配群雌では投与期間中に流涎が観察され、詳細な一般状態の観察でも雄及び交配群雌の 1000 mg/kg 群でみられた。本試験では病理組織学的に唾液腺や消化管、中枢神経系を始め全身の器官に被験物質投与によると考えられる異常は認められていないが、本被験物質はウサギの眼に中等度な刺激性が認められており、流涎は投与液の刺激性によるものと考えられる。本変化は回復性の変化であった。

その他、詳細な症状観察のオープンフィールド内観察において、雄では立ち上がり回数の有意な低値が 100 mg/kg 群で投与 2 週、300 mg/kg 群で投与 3 週、1000 mg/kg 群の投与 1、2 及び 6 週に認められた。このうち 300 mg/kg 以下の投与群については、変化の認められた時期が、投与期間の中頃のみで、回数も 1 回限りであり、投与が継続しているにもかかわらず投与時期の後半にはみられない変化であることから、被験物質投与とは無関係の偶発変化であると考えられた。一方、1000 mg/kg 群においては、立ち上がり回数の低下の程度はいずれもわずかであるものの、複数の観察時期にみられたことから被験物質投与の影響を否定できなかった。ただし、排糞数には有意差が認められず、立ちすくみ等の異常行動も観察されなかったことから情動性には変化がなかったと推定されること、空中正向反射、着地開脚幅、握力及び自発運動の測定結果には影響がみられず、一般状態観察においても偶発変化で死亡した 1 例の死戦期を除き、自発運動の減少はみられないことから活動性の低下や運動機能への器質的障害によって、物理的に立ち上がりが障害された可能性も考えられなかったこと、接近反

応には変化がみられないことから、視覚等が障害され外部刺激を感受し難い状態になっているわけでもないと考えられること等から、毒性学的意義は薄いと判断した。

1000 mg/kg 群の雄及び非交配群雌で投与 2 日に摂餌量の有意な低値がみられた。

尿検査において、雄の 300 mg/kg 以上の群、雌の 1000 mg/kg 群で pH が低下し、中性から弱酸性を示した例が増加した。また、雌では 1000 mg/kg 群でケトン体が陽性を示した例が 3 例認められたが、腎臓及び肝臓の病理組織検査に異常はみられず、血中のグルコースや脂質、コレステロールには変化がない事、一般状態で削痩等の所見も認められない事から毒性学的意義は乏しいと推定した。被験物質はアルコールであり、代謝過程でアルデヒド等を生じ試験紙の判定結果に干渉する可能性が考えられ、尿中にケトン体や酸が増加した場合には尿 pH は酸性化すると考えられた。ただし、被験物質の代謝、排泄に関する情報が不足していることから、推定の域を出ない。

この他、血液学検査及び血液化学検査において、投与期間終了時の 1000 mg/kg 群の雄で血小板数と無機リン濃度の高値、交配群雌で好塩基球の数及び百分率の高値、非交配群雌で好塩基球百分率の低値がそれぞれ認められた。回復期間終了時の 1000 mg/kg 群の雄で単球の数及び百分率の低値、雌でリンパ球百分率及び A/G 比の高値と好中球の数及び百分率の低値がそれぞれ有意差をもって認められた。ただし、これらの変化の程度はわずかで、施設の背景値の範囲内であり、雄と交配群雌及び非交配群雌では共通した変化がみられず、他の血液・血液化学検査結果や病理組織検査所見に、それぞれの検査結果に関連すると考えられる変化がみられないことから、作用の機序は不明であった。

器官重量において、投与期間終了時には 1000mg/kg 群の雄及び非交配群雌で腎臓の絶対及び相対重量の有意な高値、300 mg/kg 以上の群の雄で脳下垂体の相対重量の有意な低値又は低値傾向、1000 mg/kg 群の交配群雌で肝臓の絶対重量及び相対重量の高値がみられ、回復期間終了時には 1000 mg/kg 群の雌で胸腺の絶対及び相対重量の高値が認められたが、いずれの器官も投与終了時の病理組織検査結果に被験物質投与の影響と考えられる所見は認められなかった。このうち、300 mg/kg 以上の群の雄にみられた脳下垂体相対重量の有意な低値又は低値傾向は、絶対重量には変化がみられず、相対重量のみの変化であることから、被験物質投与による影響ではないと判断した。

その他、機能検査、握力、自発運動量、体重、摂餌量、剖検及び病理組織学検査結果に被験物質投与の影響は認められなかった。

8.2　生殖発生毒性

1000 mg/kg 群の 1 例（動物番号：4108）で性周期異常が認められたが、性周期の異常は対照群においても認められることがあり、また、1000 mg/kg 群の他の例にはみられず、性周期異常率、発情期像発現回数及び性周期（発情周期）に対照群との間で差はみられないこと、同例でも性周期観察期間中には、回数は少ないものの発情期像が認められ、また交配の結果、交尾し妊娠が成立しており性周期が停止するほどの変化はないこと、雌の下垂体、卵巣、子宮に被験物質投与によると考えられる病理組織学

的変化は認められない事から性周期異常は被験物質投与の影響によるものではないと判断した。100 mg/kg 群において 1 例（動物番号：2107）で性周期異常が認められたが、300 mg/kg 群には異常が認められなかったことから、被験物質投与の影響ではないと判断した。

1000 mg/kg 群においても、交尾までに要した日数、交尾率、授精率及び受胎率、妊娠期間、出産率、黄体数、着床痕数、着床前死亡率、着床率、分娩率、出生率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、出産児数、出生児数及び生後 0 日の性比（出産児あるいは出生児）、外表異常率、死亡児及び生後 4 日生存児の肉眼所見及び性比、生後 4 日間の生存率、及び出生児体重に被験物質投与の影響は認められないことから、児の子宮内発生、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。

以上の結果から、本試験条件下で 3-メトキシ-n-ブタノールを反復経口投与することにより、投与期間では被験物質に起因すると考えられる一般毒性学的変化として、1000 mg/kg 群の雄並びに交配群及び非交配群の雌で流涎がみられた他、雄及び非交配雌では腎臓の絶対及び相対重量の高値並びに投与開始直後の摂餌量の低値、雄では血小板数及び無機リン濃度の高値並びに詳細な症状観察における立ち上がり回数の低値、交配群雌では好塩基球数及び百分率並びに肝臓の絶対及び相対重量の高値、非交配群の雌では好塩基球百分率の低値がそれぞれ認められ、回復期間では雄で単球の数及び百分率の低値、雌でリンパ球百分率、A/G 比及び胸腺の絶対及び相対重量の高値と好中球の数及び百分率の低値がみられた。したがって、本被験物質の反復投与毒性に対する無毒性量（NOAEL）は雌雄いずれも 300 mg/kg であり、生殖発生毒性に対する無毒性量（NOAEL）は雄親動物、母動物及び児動物でいずれも 1000 mg/kg であると判断した。

9. 文献

[1] [redacted]：3-メトキシ-n-ブタノールの赤外吸収スペクトル測定法による特性試験及び安定性試験並びに GC 法を用いた被験液（媒体：注射用水）中濃度測定法バリデーション及び安定性試験（株式会社ボゾリサーチセンター 御殿場研究所、試験番号：A-2840、2016 年）

[2] [redacted]：3-メトキシ-n-ブタノール：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）（株式会社ボゾリサーチセンター、試験番号：N-R059、2016 年）

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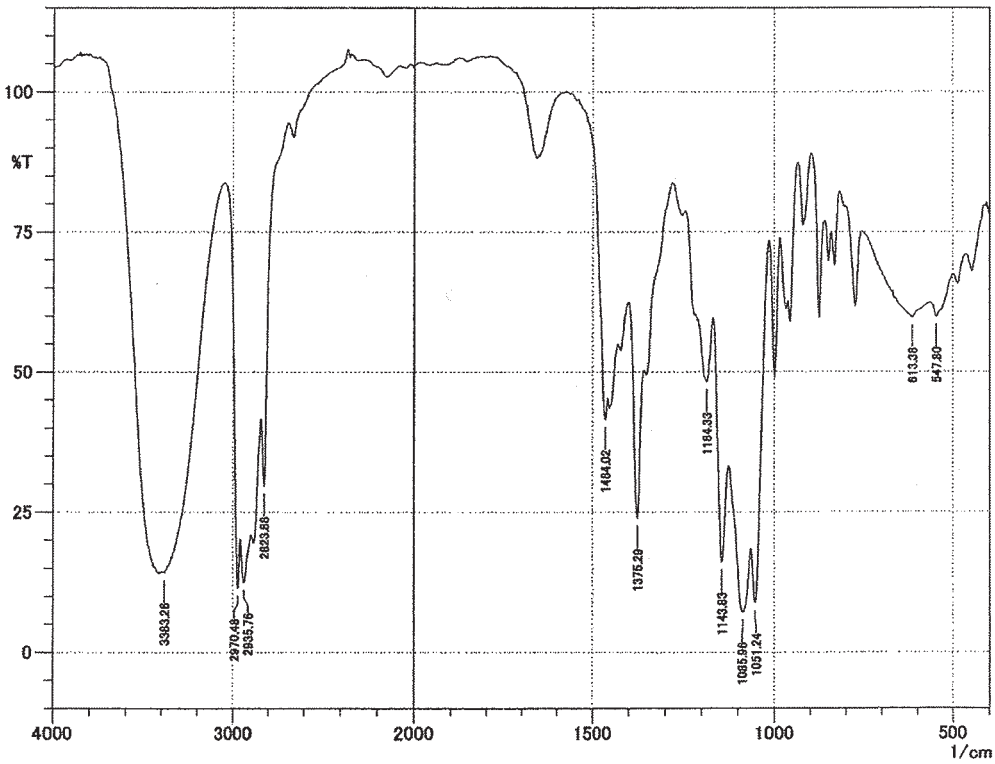
R-1192
Attached Data 1

試験成績書
（3-メトキシ-n-ブタノールの特性）

試験番号　：　A-2840
ステージ　：　被験物質の使用前
測定日　：　2016 年 9 月 9 日
被験物質　：　3-メトキシ-n-ブタノール
（ロット番号：SAJ1793）
測定項目　：　赤外吸収スペクトル（液膜法）

結果　：　特性のスペクトルを以下に示す。



基準　：　「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]

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試験成績書
（被験物質の安定性）

試験番号	:	R-1192
ステージ	:	投与期間終了後
測定日	:	2016 年 12 月 12 日 2016 年 9 月 9 日（特性のスペクトル）
被験物質	:	3-メトキシ-n-ブタノール （ロット番号：SAJ1793）
測定項目	:	赤外吸収スペクトル（液膜法）
評価基準	:	安定性のスペクトルを特性のスペクトル [1)]と比較するとき、同一波数のところに同様の強度の吸収を認める。ただし、安定性試験において 2300 cm^{-1} 付近に吸収が観られた場合、この吸収は二酸化炭素の影響であるため評価対象としない。

1) [redacted] 3-メトキシ-n-ブタノールの赤外吸収スペクトル測定法による特性試験及び安定性試験並びに GC 法を用いた被験液（媒体：注射用水）中濃度測定法バリデーション及び安定性試験（株式会社ボゾリサーチセンター　御殿場研究所、試験番号：A-2840）

結果	:	安定性のスペクトルを特性のスペクトルと比較したとき、同一波数のところに同様の強度の吸収を認めた。赤外吸収スペクトルは次のページに示す。
判定	:	適
基準	:	「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]

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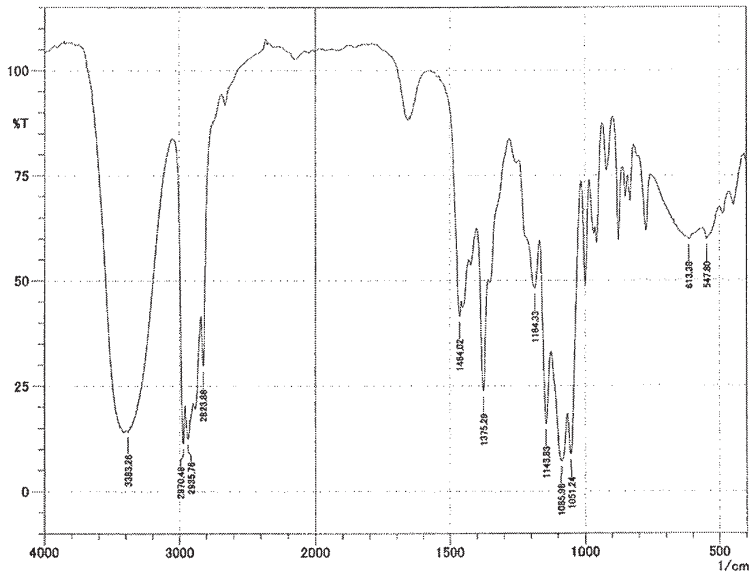
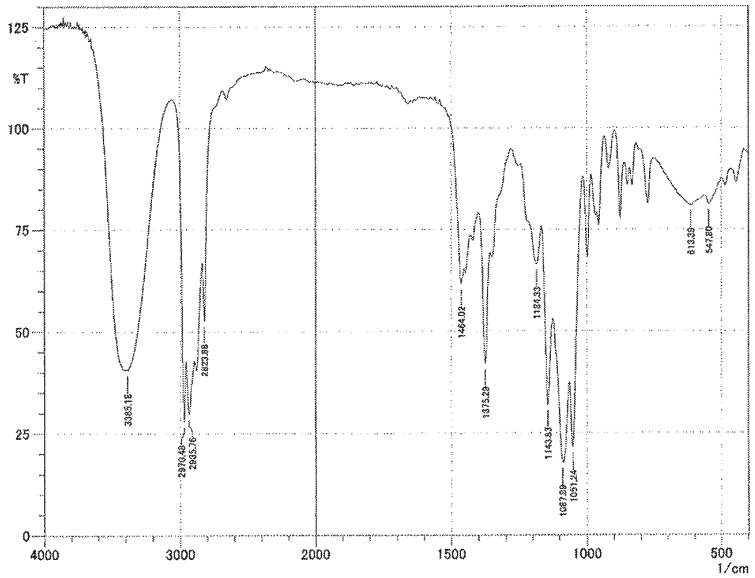
試験成績書
（被験物質の安定性）

試験番号　　：　R-1192
ステージ　　：　投与期間終了後
結果　　：

（特性のスペクトル）



（安定性のスペクトル）



A-2840

試験成績書
（被験液中 3-メトキシ-n-ブタノールの安定性）

試験番号	:	A-2840
被験物質	:	3-メトキシ-n-ブタノール
ロット番号	:	SAJ1793
媒体	:	注射用水
形態	:	溶液
測定対象物質	:	3-メトキシ-n-ブタノール
保存条件	:	褐色ガラス瓶に入れ、冷所（冷蔵庫内、許容値：1~10°C）及び室温にて保存、非遮光
保存期間	:	冷所で 8 日間保存した後、室温で 24 時間保存
評価基準	:	安定性として、保存した被験液の残存率｛調製日の測定濃度の平均値（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	:	次ページに記載
判定	:	適
基準	:	「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]

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

1/2

A-2840

試験成績書
（被験液中 3-メトキシ-n-ブタノールの安定性）

試験番号　　：　A-2840

結果：

調製濃度 (mg/mL)		測定濃度 (mg/mL)	
		調製日	保存後
0.100		0.100 0.0998 0.0998	0.102 0.103 0.103
	平均値 残存率（%）	0.0999 (100)	0.103 103.1
200		203 204 200	207 203 206
	平均値 残存率（%）	202 (100)	205 101.5

分析結果

試験番号 : R-1192
測定項目 : 濃度
ステージ : 初回投与
分析日 : 2016 年 10 月 13 日

測定試料
被験物質 : 3-メトキシ-n-ブタノール（ロット番号；SAJ1793）
形態 : 溶液
媒体 : 注射用水
調製日 : 2016 年 10 月 13 日

測定対象物質 : 3-メトキシ-n-ブタノール

評価基準
濃度 : 表示値に対する割合；100.0 ± 10%

結果：

表示値 (mg/mL)	測定濃度 (mg/mL)	表示値に対する割合 (%)
20	20.1	100.5
60	62.2	103.7
200	201	100.5

判定 : 適

分析結果

試験番号 : R-1192
測定項目 : 濃度
ステージ : 投与 6 週
分析日 : 2016 年 11 月 17 日

測定試料
被験物質 : 3-メトキシ-n-ブタノール（ロット番号；SAJ1793）
形態 : 溶液
媒体 : 注射用水
調製日 : 2016 年 11 月 16 日

測定対象物質 : 3-メトキシ-n-ブタノール

評価基準
濃度 : 表示値に対する割合；100.0 ± 10.0%

結果：

表示値 (mg/mL)	測定濃度 (mg/mL)	表示値に対する割合 (%)
20	20.3	101.5
60	60.6	101.0
200	202	101.0

判定 : 適

3-メトキシ-n-ブタノール: 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）における所見

試験番号：N-R059

被験物質		媒体 a)	3-メトキシ-n-ブタノール		
投与量(mg/kg)		0	250	500	1000
投与容量(mL/kg)		5	5	5	5
使用動物数		5/5	5/5	5/5	5/5
死亡動物数		0/0	0/0	0/0	0/0
死亡発現時期					
一般状態	生存	–/–	–/–	–/–	–/–
	死亡				
体重			–/–	–/–	–/–
摂餌量			–/–	D14: ↑/–	–/–
血液学検査					
RBC			–/–	–/↓	–/–
HGB			–/–	–/–	–/↓
HCT			–/–	–/–	–/↓
MCHC			–/↓	–/–	–/–
血液化学検査					
TP			–/–	–/↓	–/–
器官重量	絶対		–/–	–/–	–/–
	相対		–/–	–/–	–/–
剖検	生存	腺胃暗赤色巣: 2/1	腺胃暗赤色巣: 0/2	腺胃暗赤色巣: 1/2	–/–
	死亡				

a)　: 注射用水
–　: 著変なし　　ND　: データなし又は判別不明あるいは検定不能
/　: 雄/雌
↑又は↓; $p<0.05$, ⇑又は⇓; $p<0.01$, (対照群との間に有意差あり)

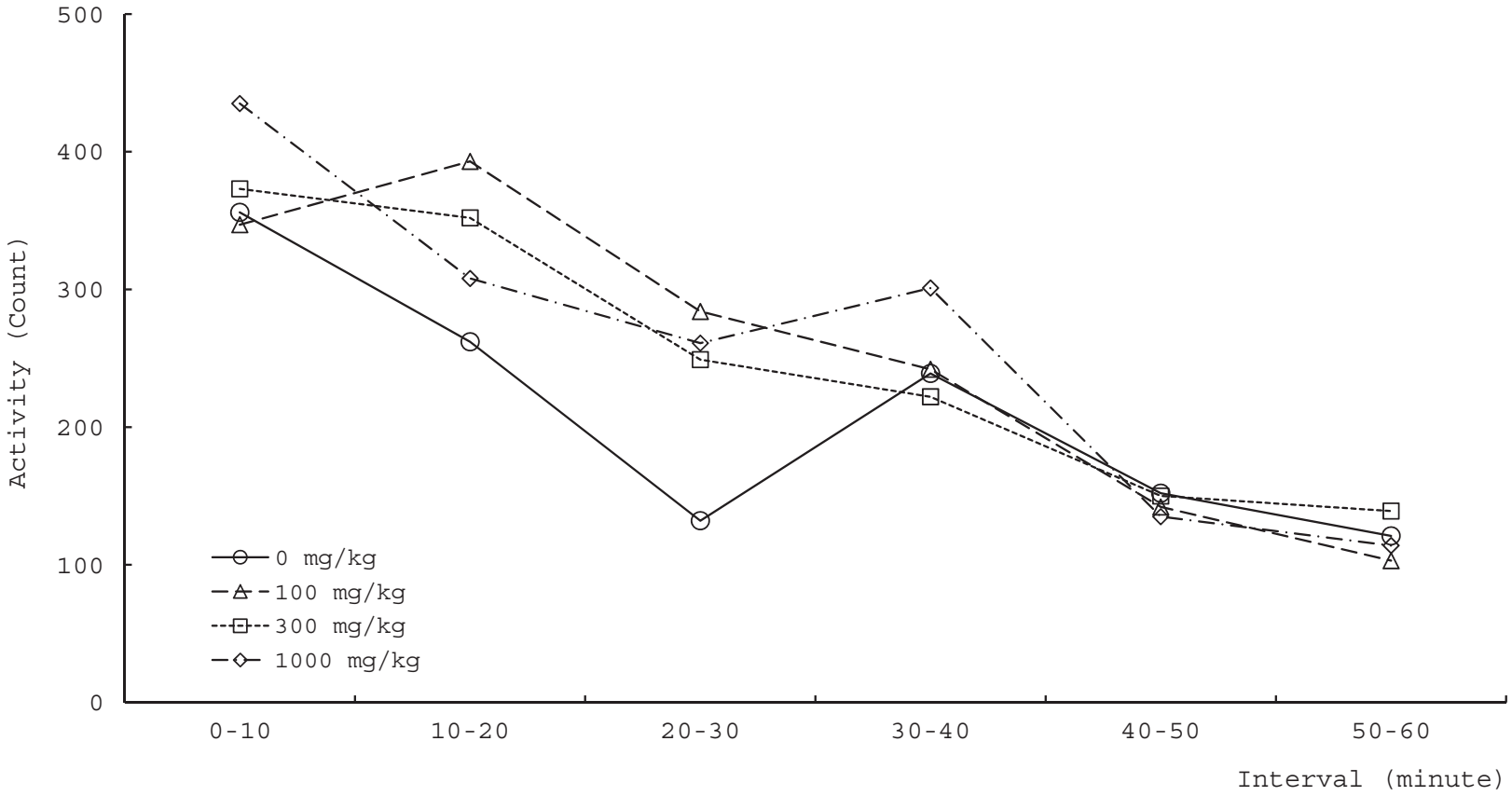


Fig.1 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats

Motor activity of male rats (Week 6 of administration)

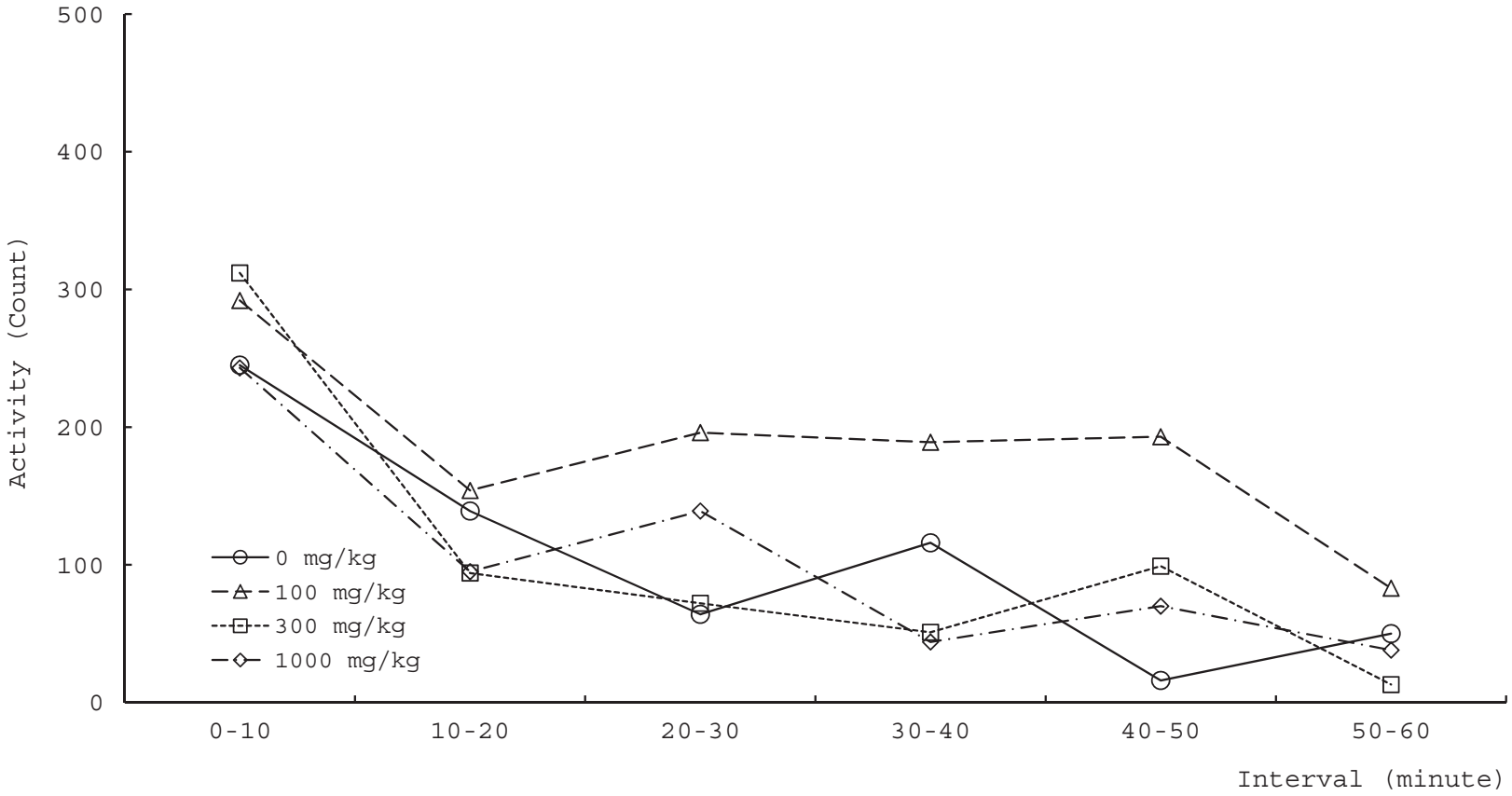


Fig.2 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats

Motor activity of female rats (Lactation day 4)

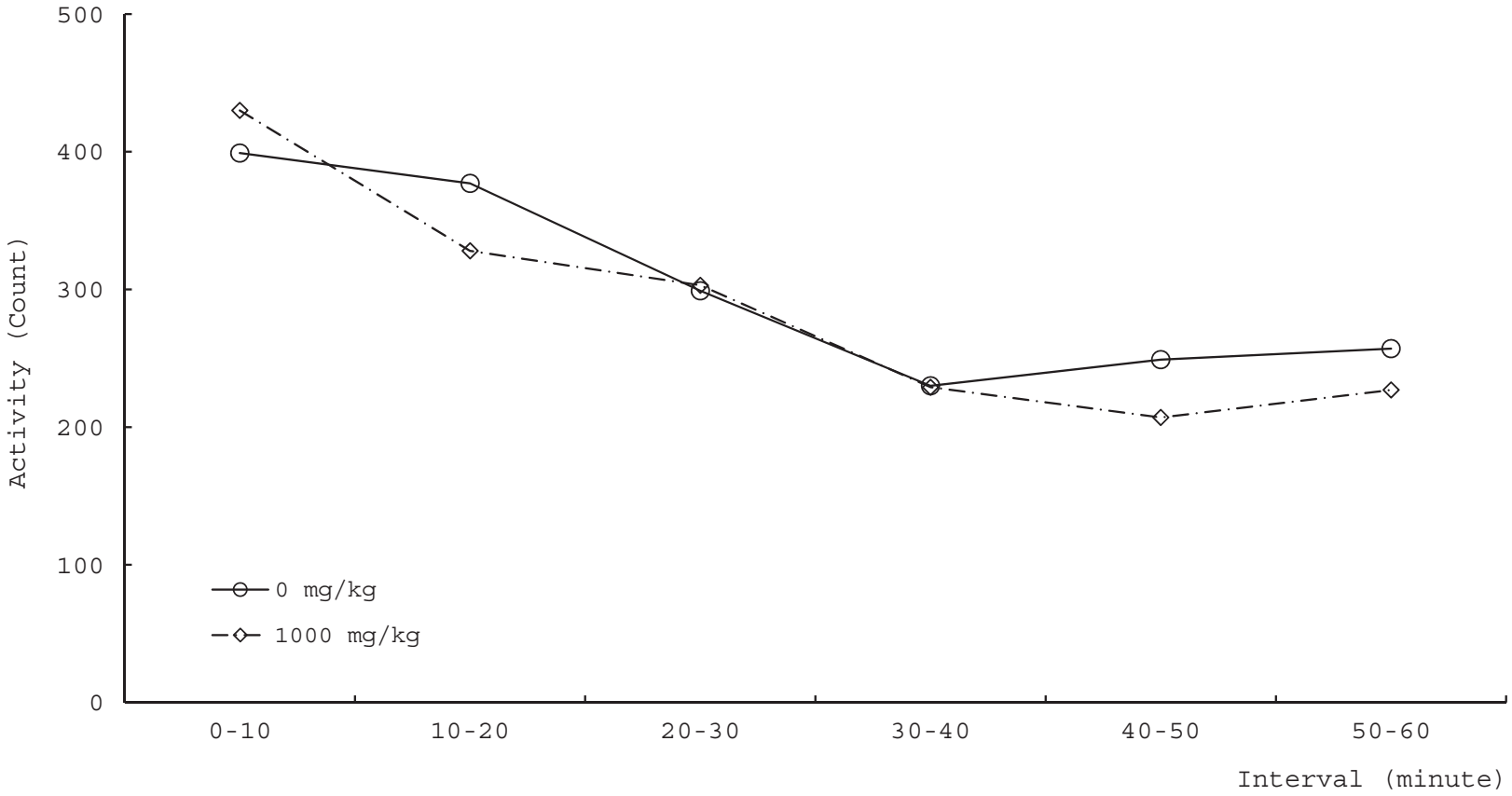


Fig.3 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats

Motor activity of male rats (Week 2 of recovery)

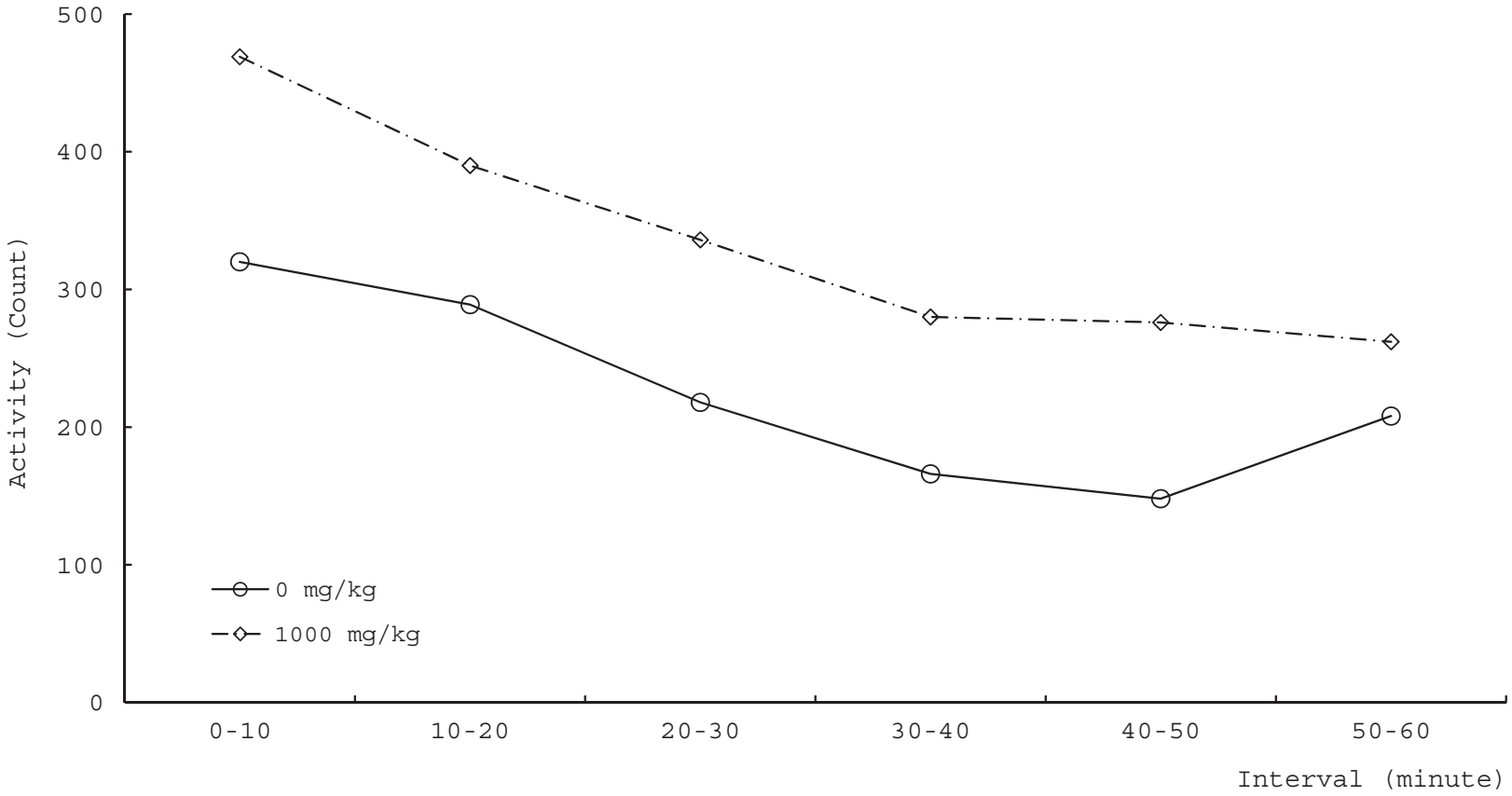


Fig.4 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats

Motor activity of female rats (Week 2 of recovery)

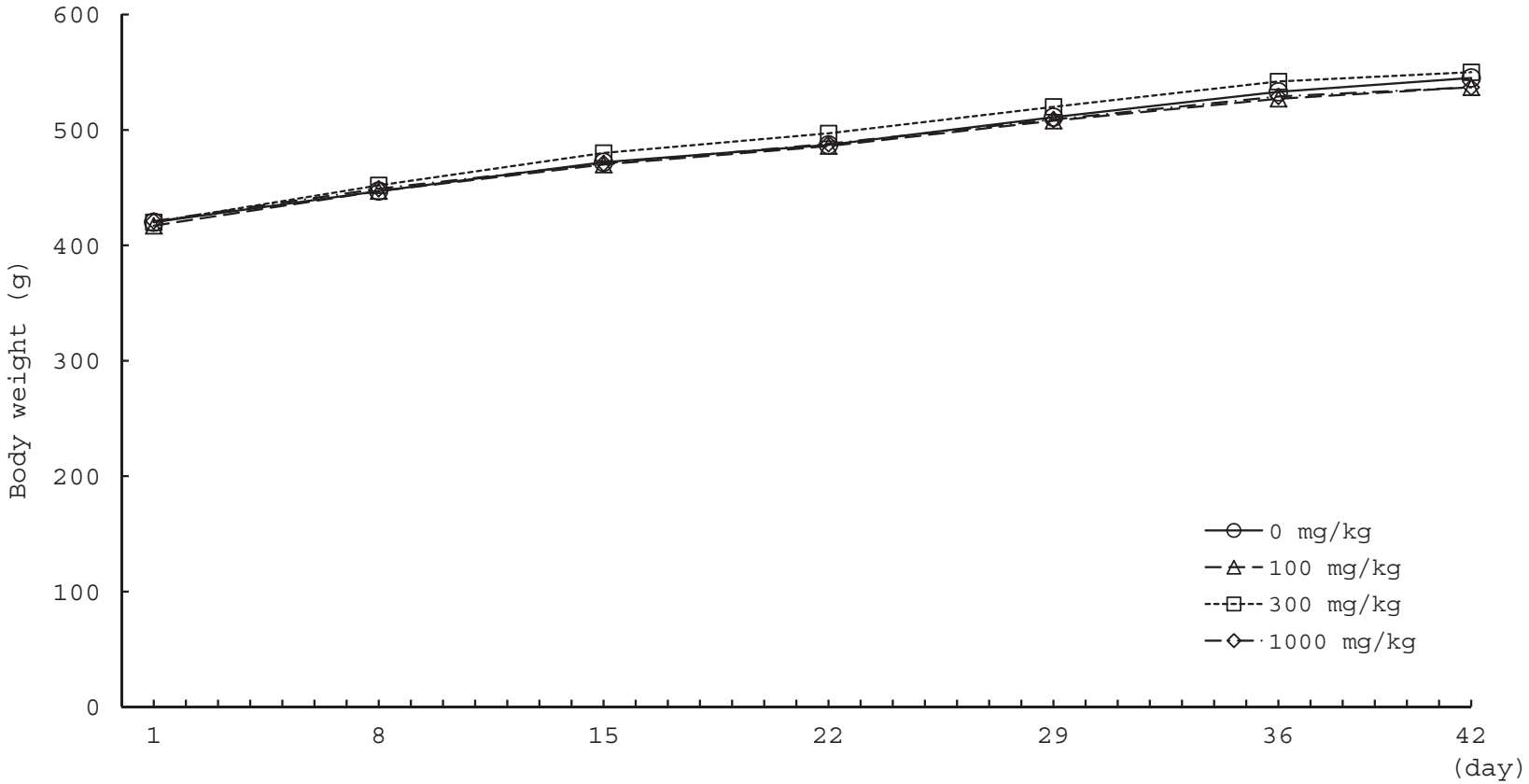


Fig.5 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats

Body weight of male rats (F0 before mating Day 1-15, F0 mating Day 15-43)

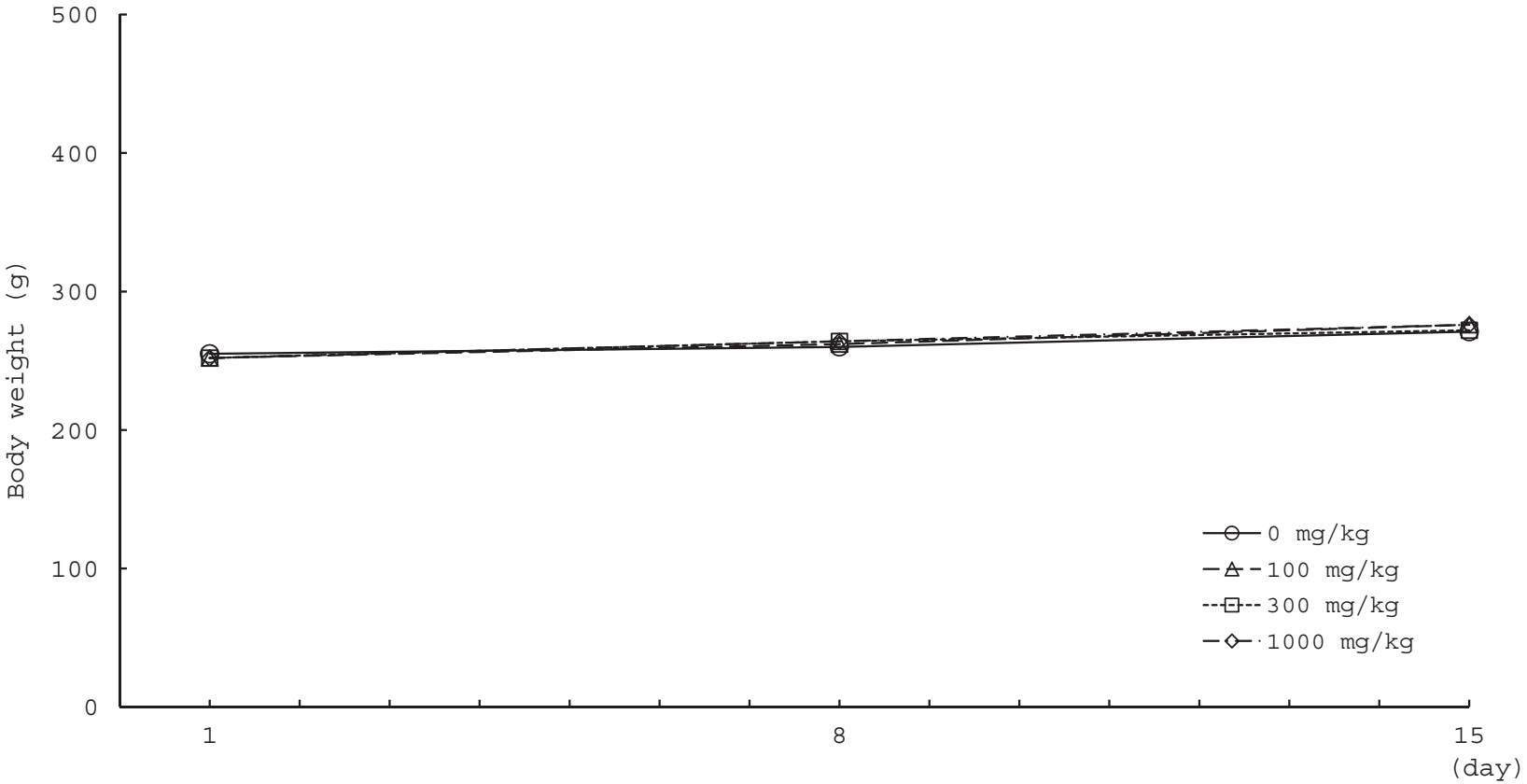


Fig.6 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats

Body weight of female rats (F0 before mating Day 1-15)

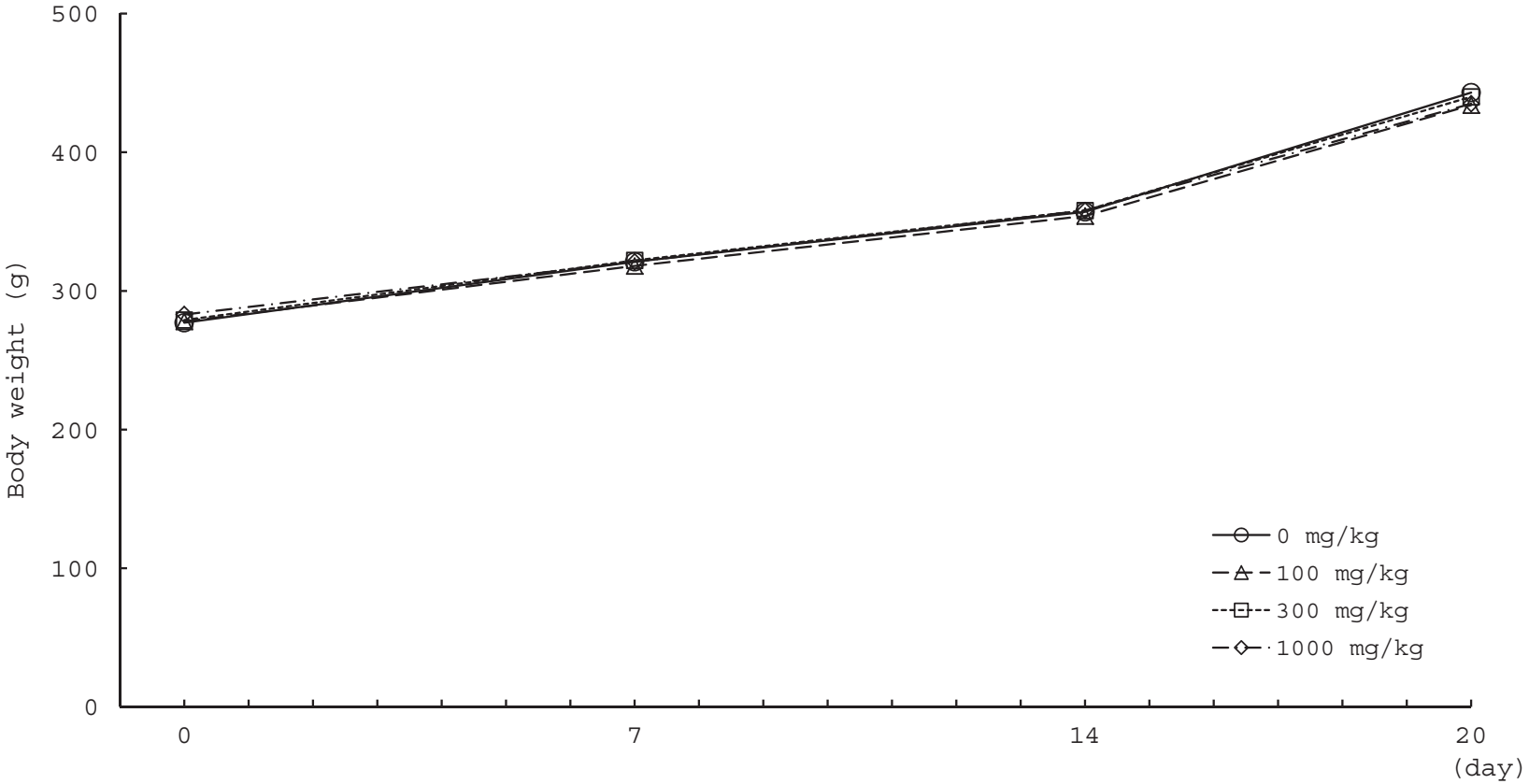


Fig.7 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats

Body weight of dams (F0 gestation Day 0-25)

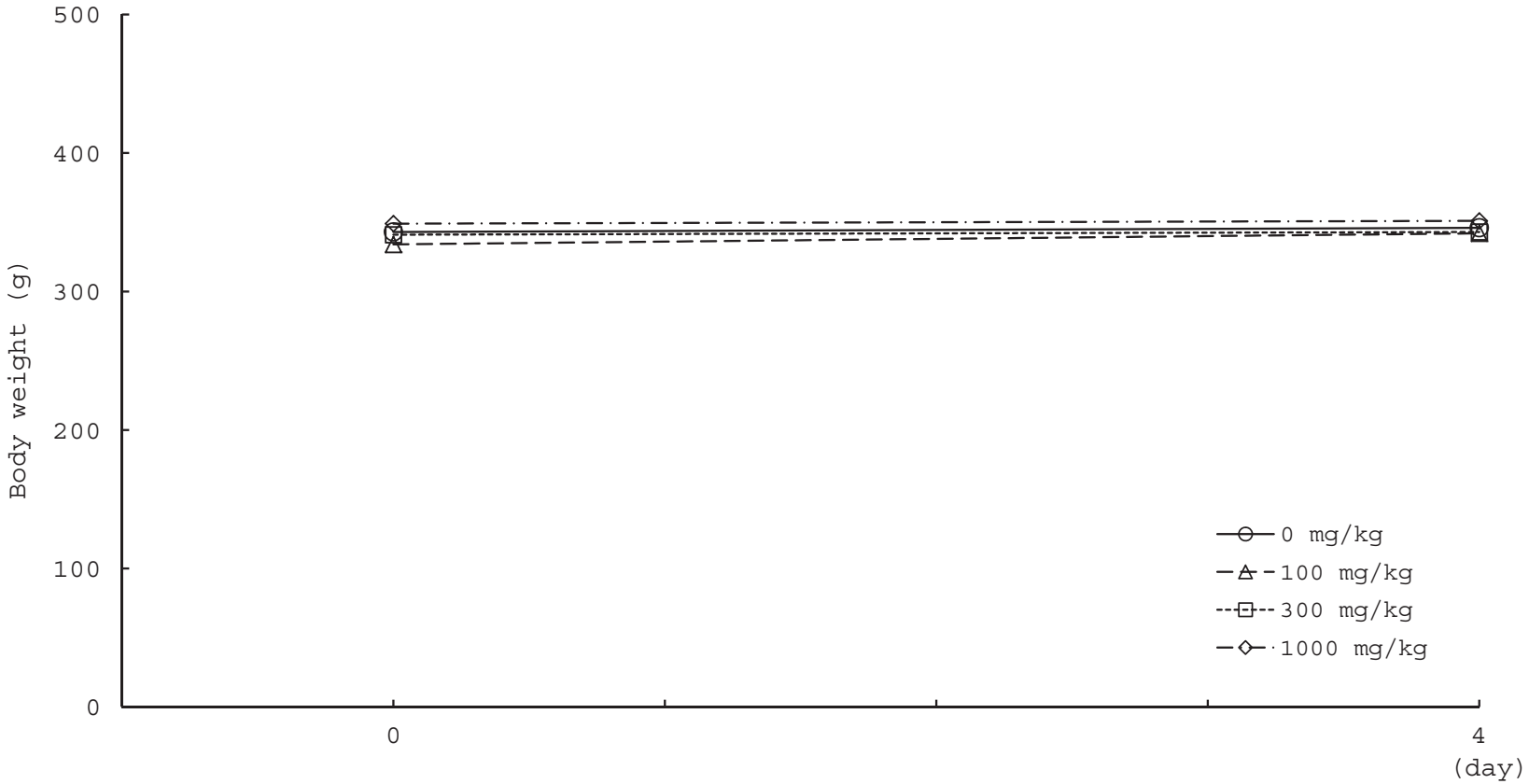


Fig.8 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats

Body weight of dams (F0 lactation Day 0-5)

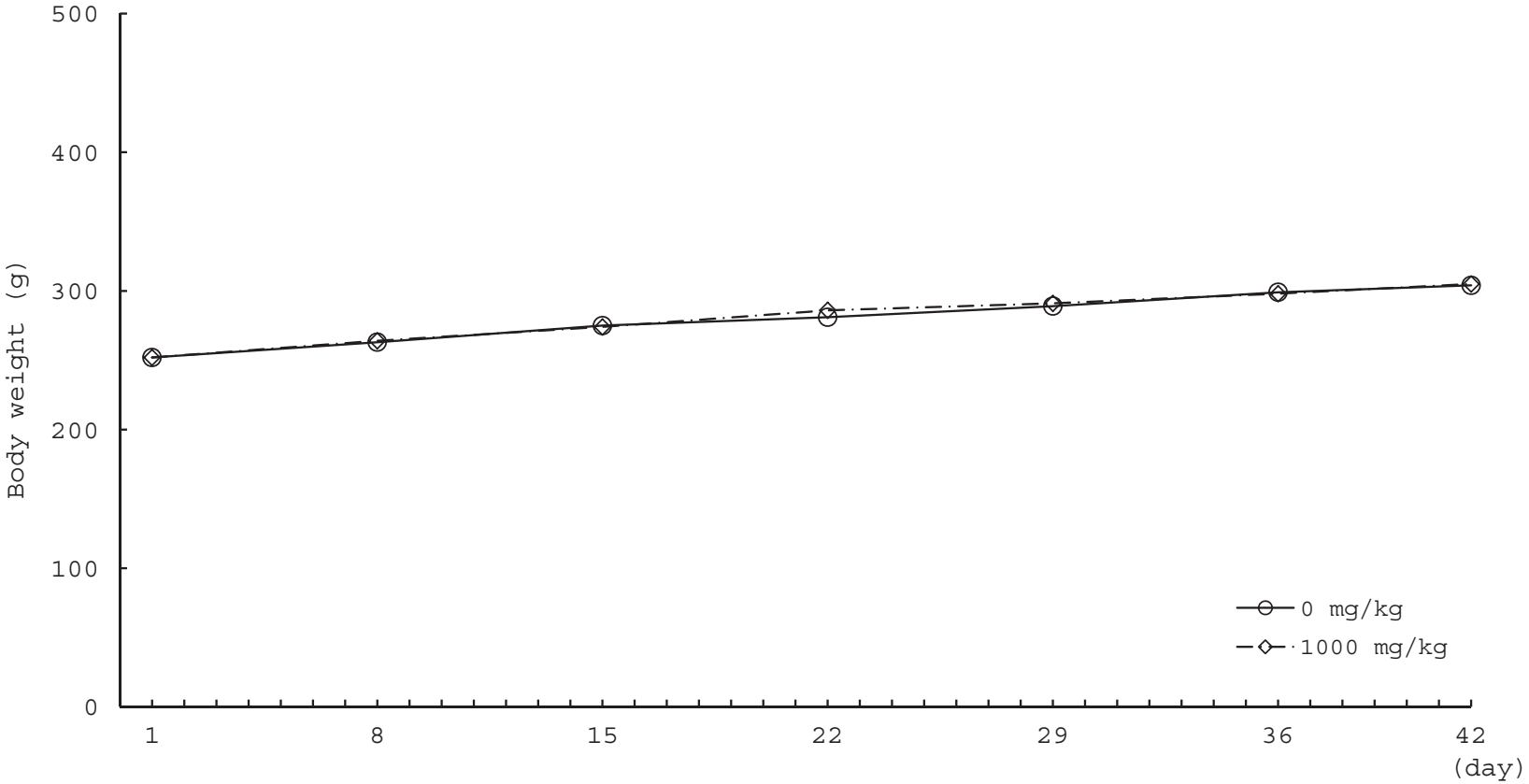


Fig.9 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats

Body weight of female rats (Administration period)

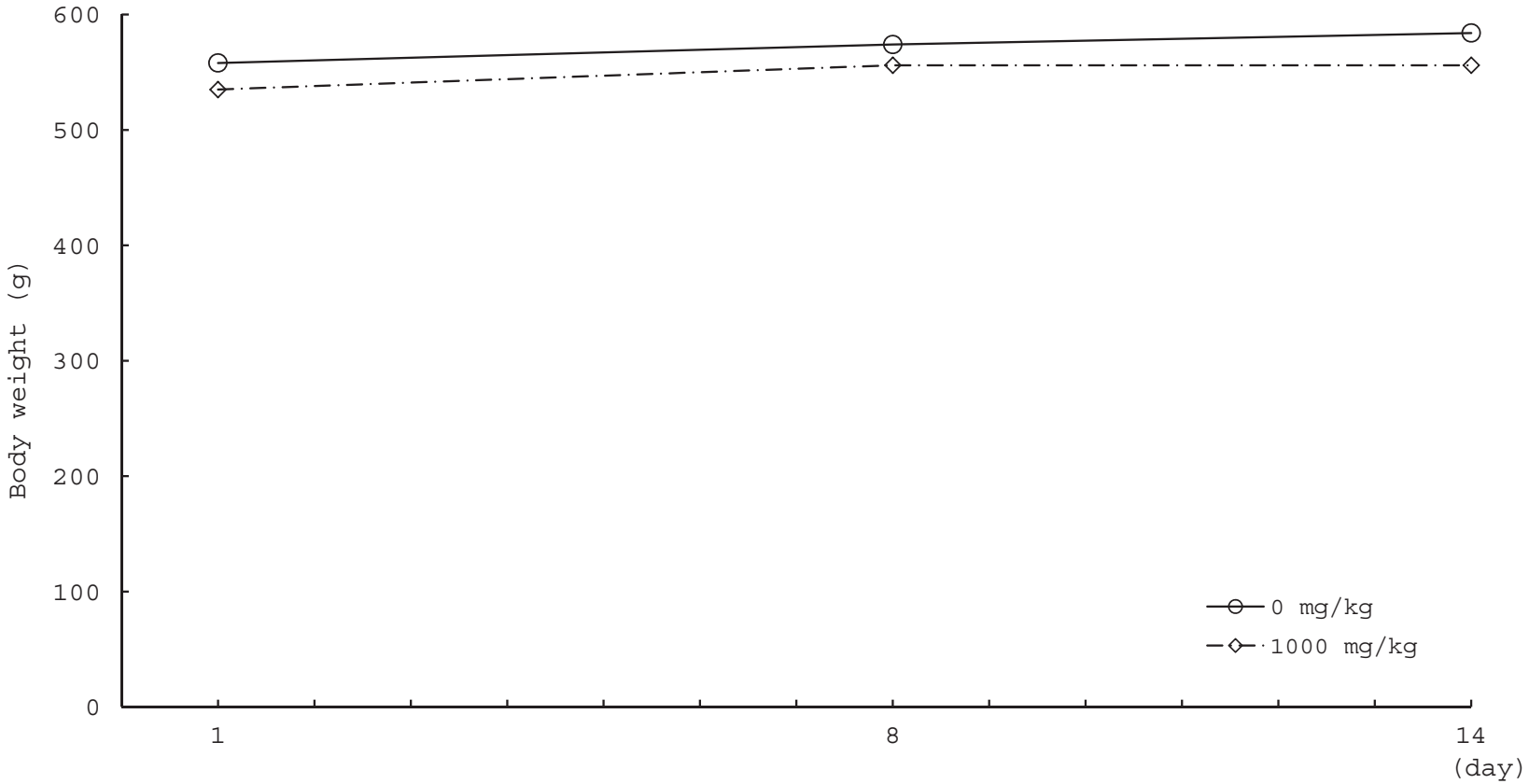


Fig.10 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats

Body weight of male rats (Recovery period)

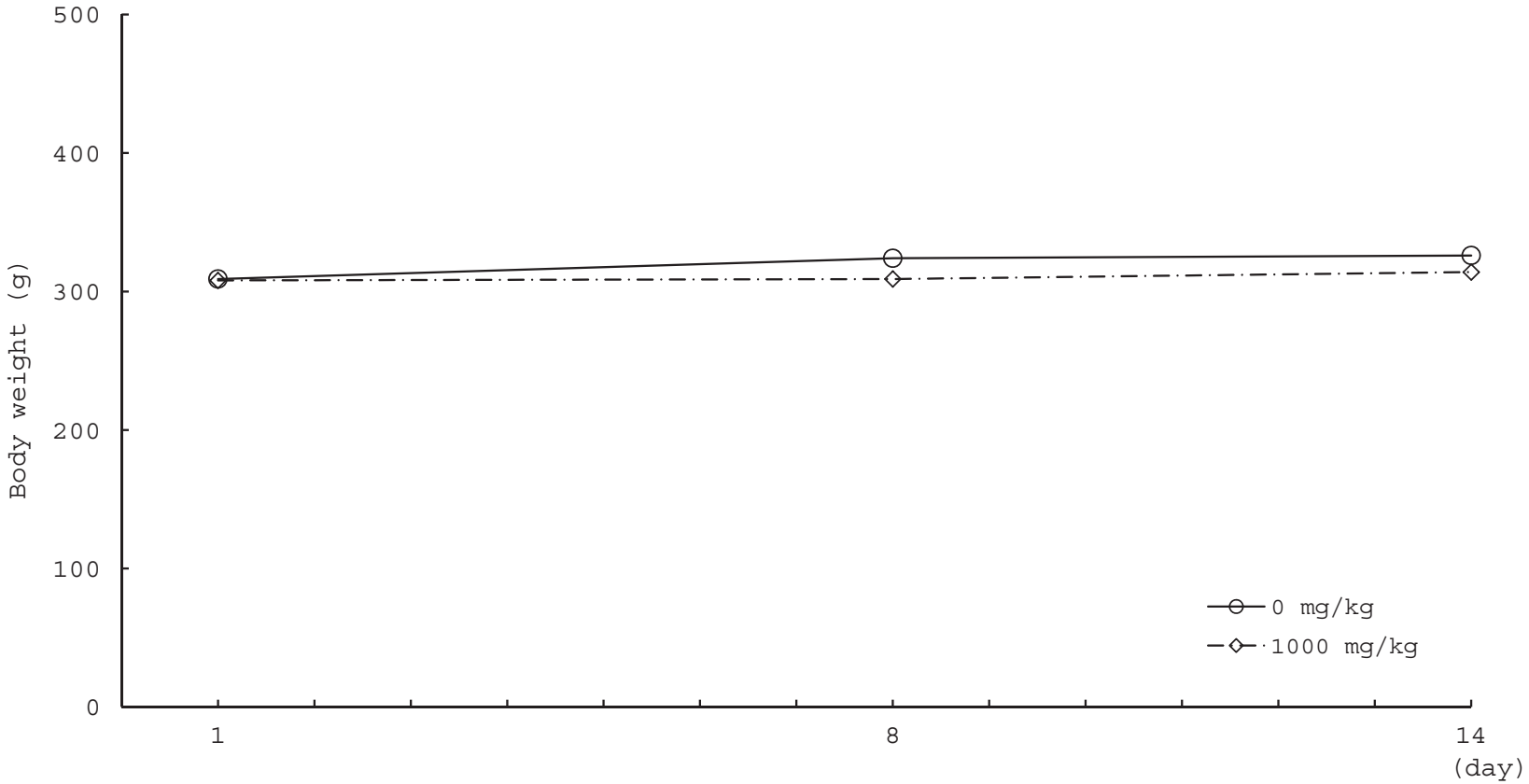


Fig.11 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats

Body weight of female rats (Recovery period)

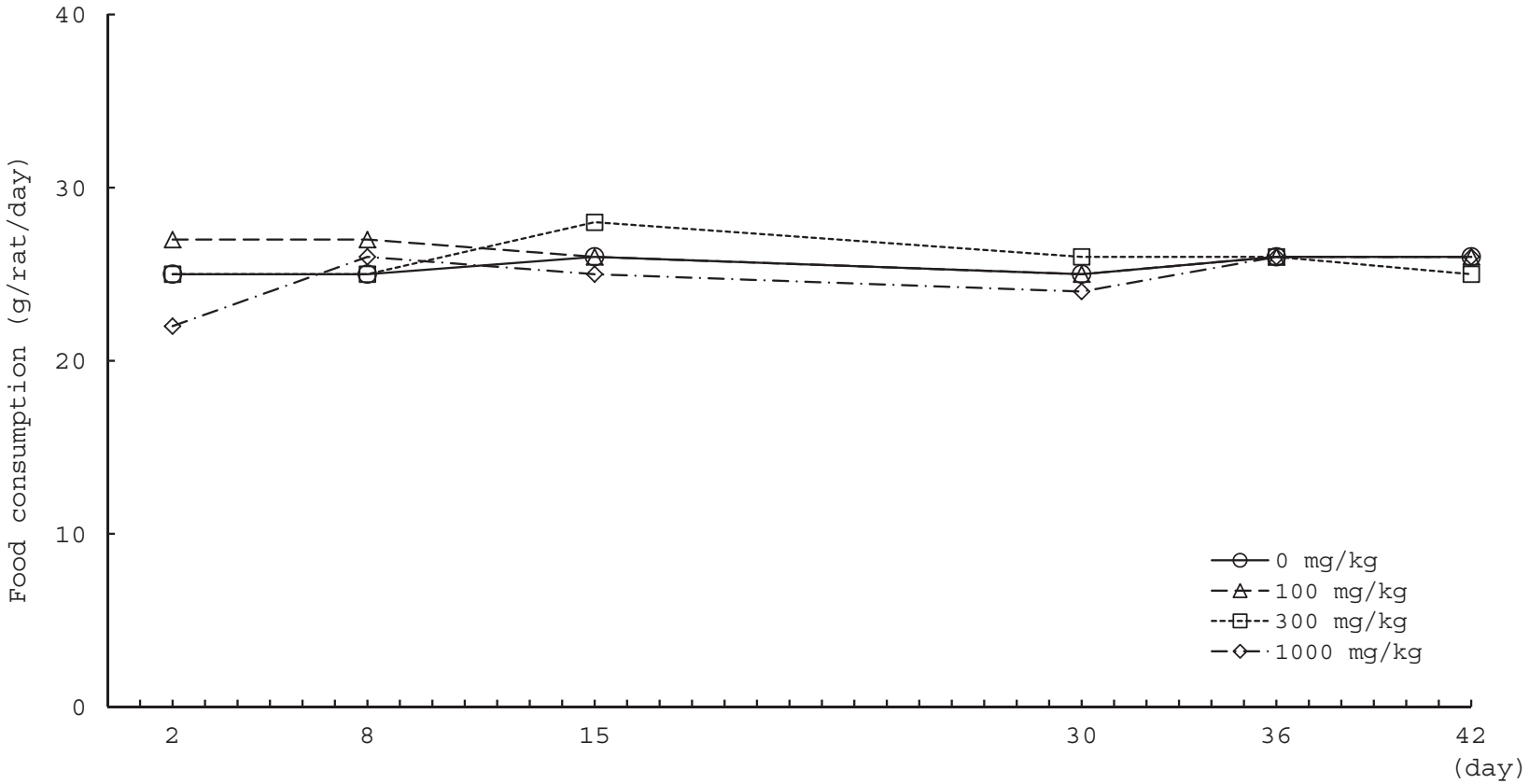


Fig.12 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats

Food consumption of male rats (F0 before mating Day 1-15, F0 mating Day 15-43)

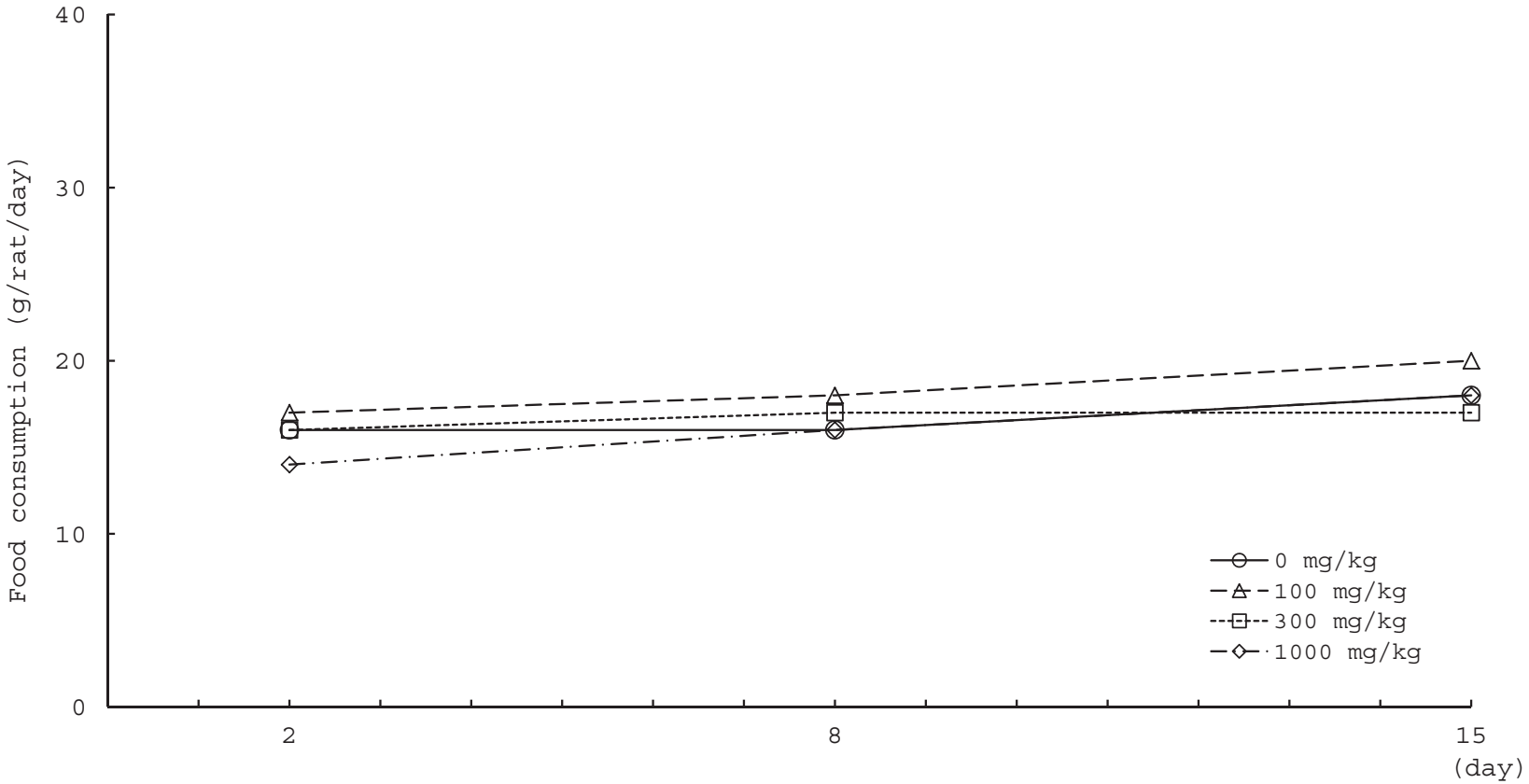


Fig.13 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats

Food consumption of female rats (F0 before mating Day 1-15)

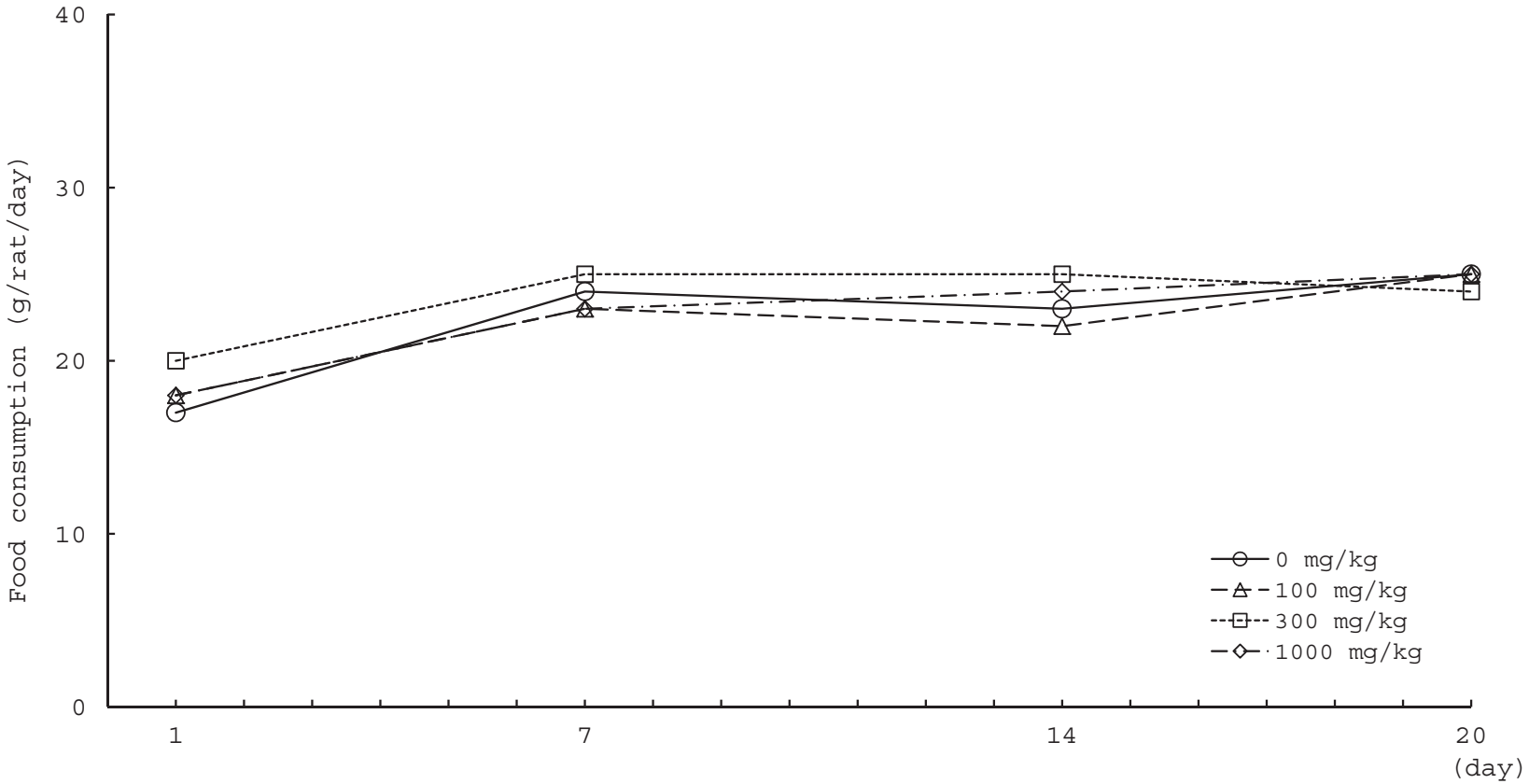


Fig.14 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats

Food consumption of dams (F0 gestation Day 0-25)

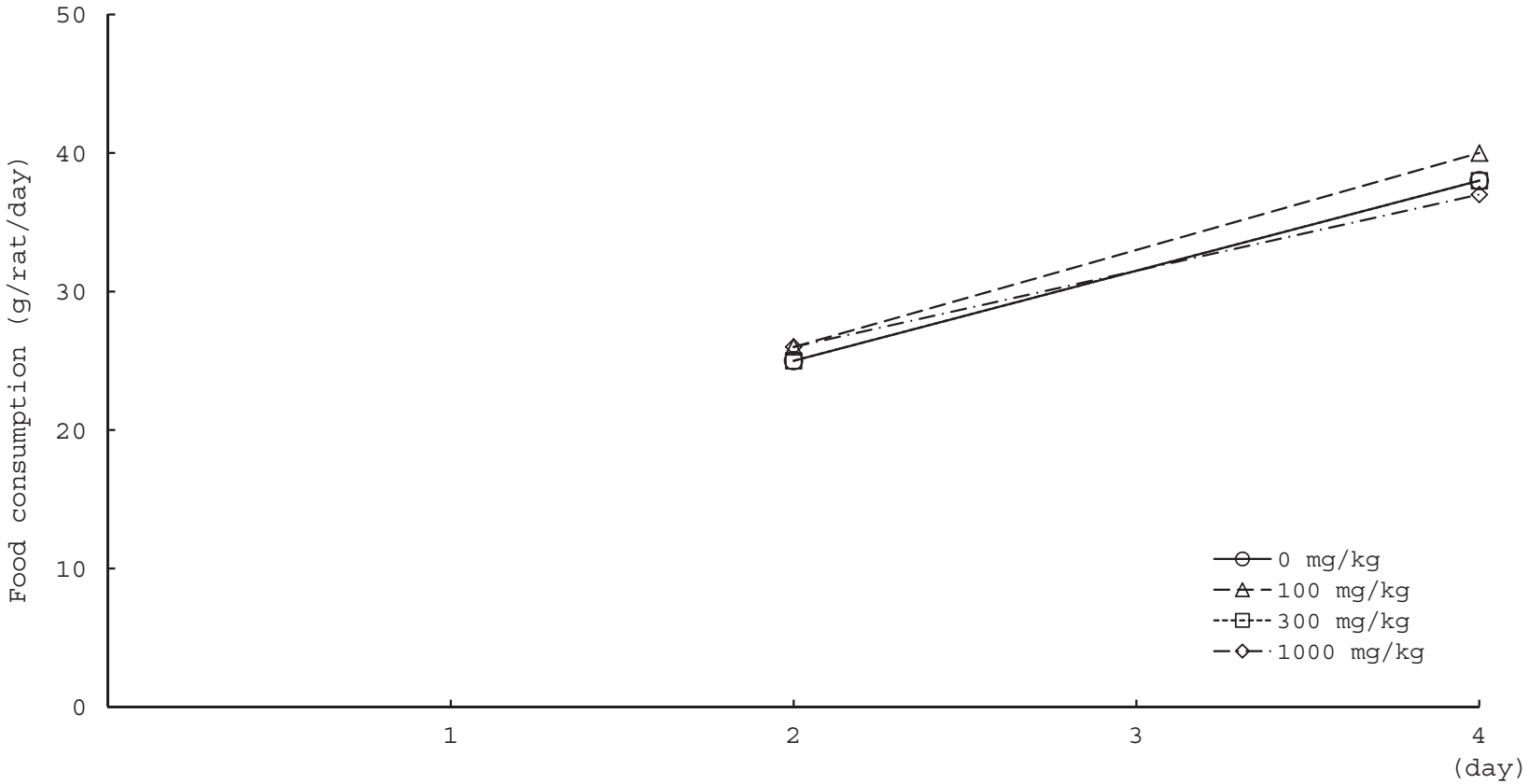


Fig.15 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats

Food consumption of dams (F0 lactation Day 0-5)

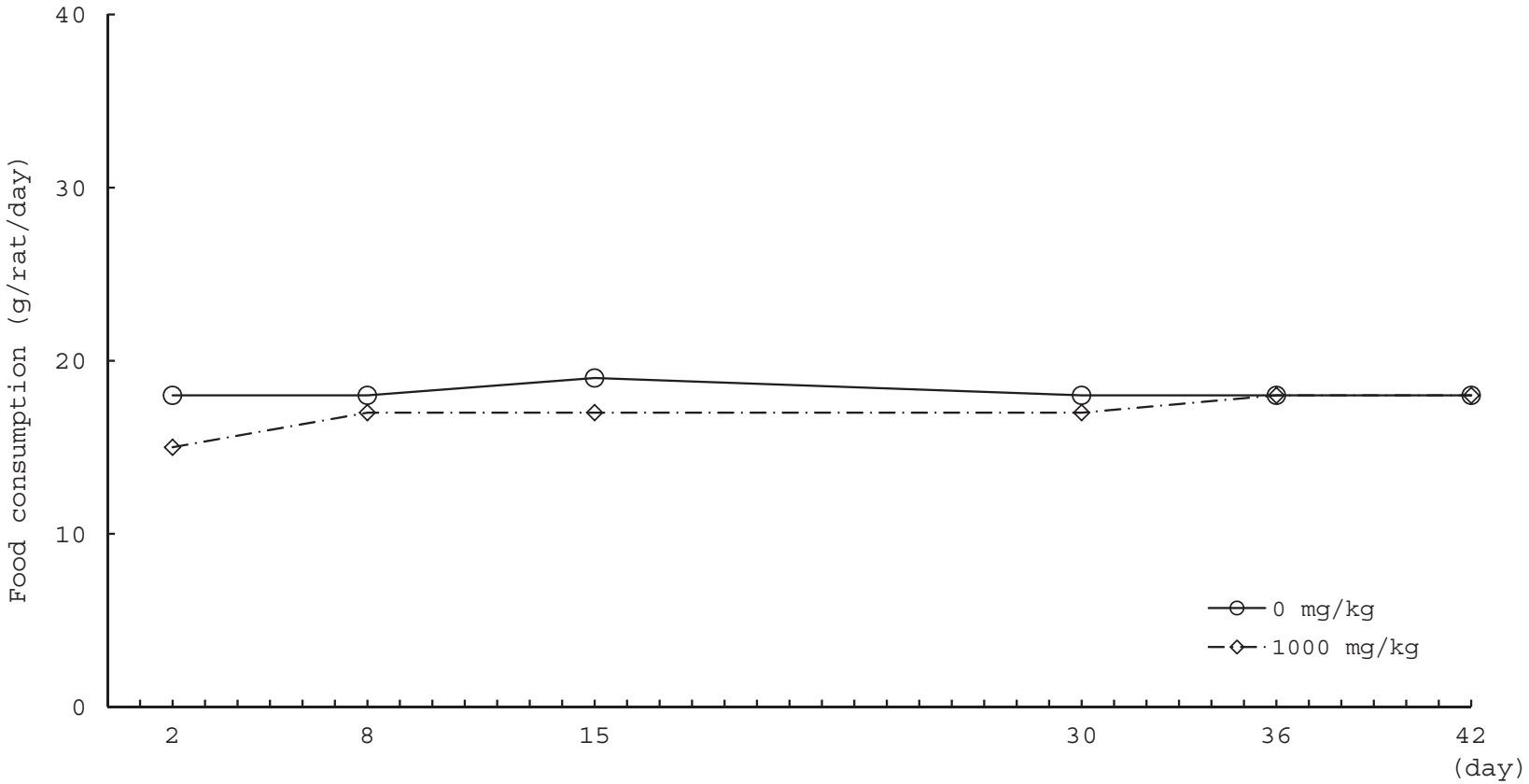


Fig.16 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats

Food consumption of female rats (Administration period)

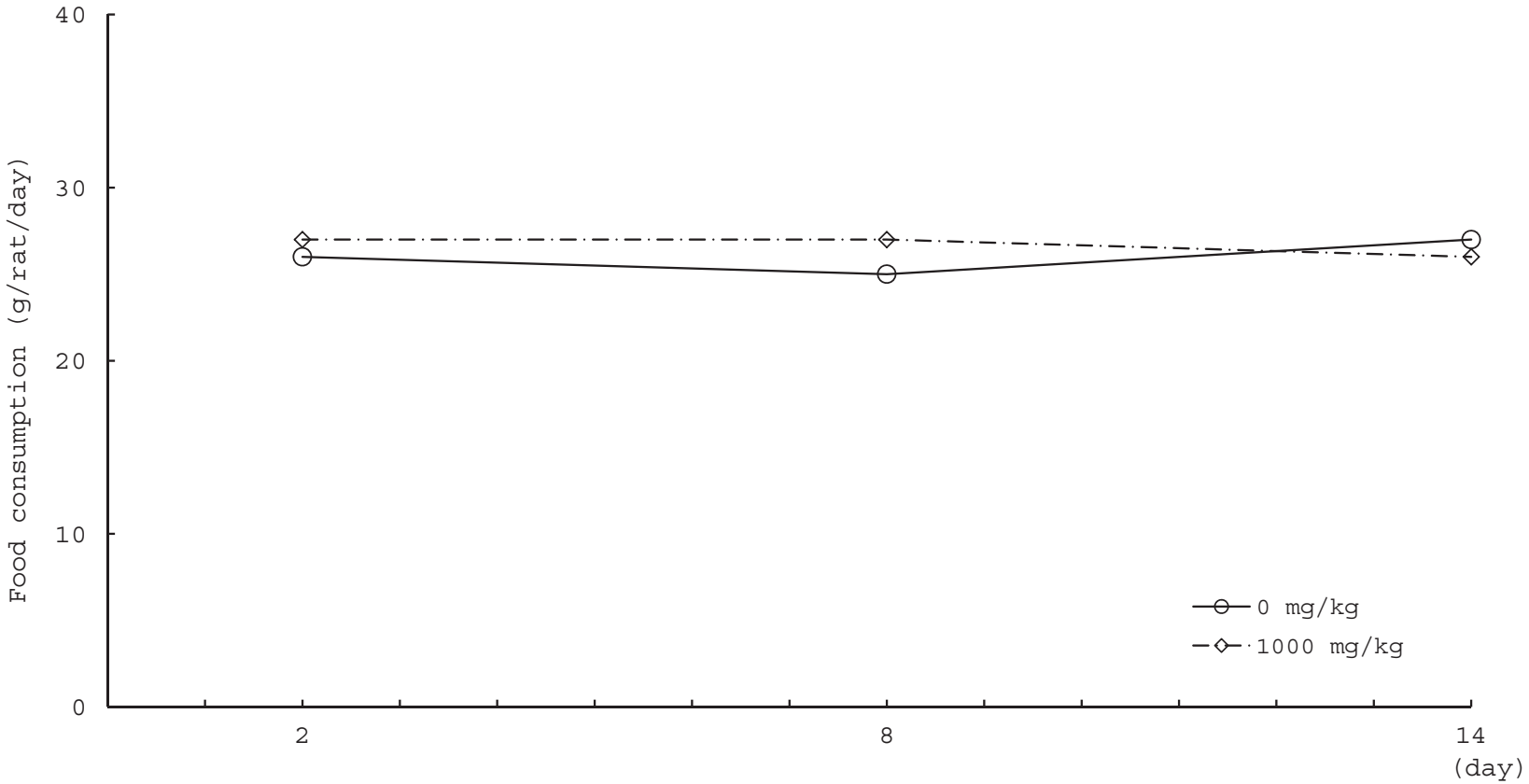


Fig.17 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats

Food consumption of male rats (Recovery period)

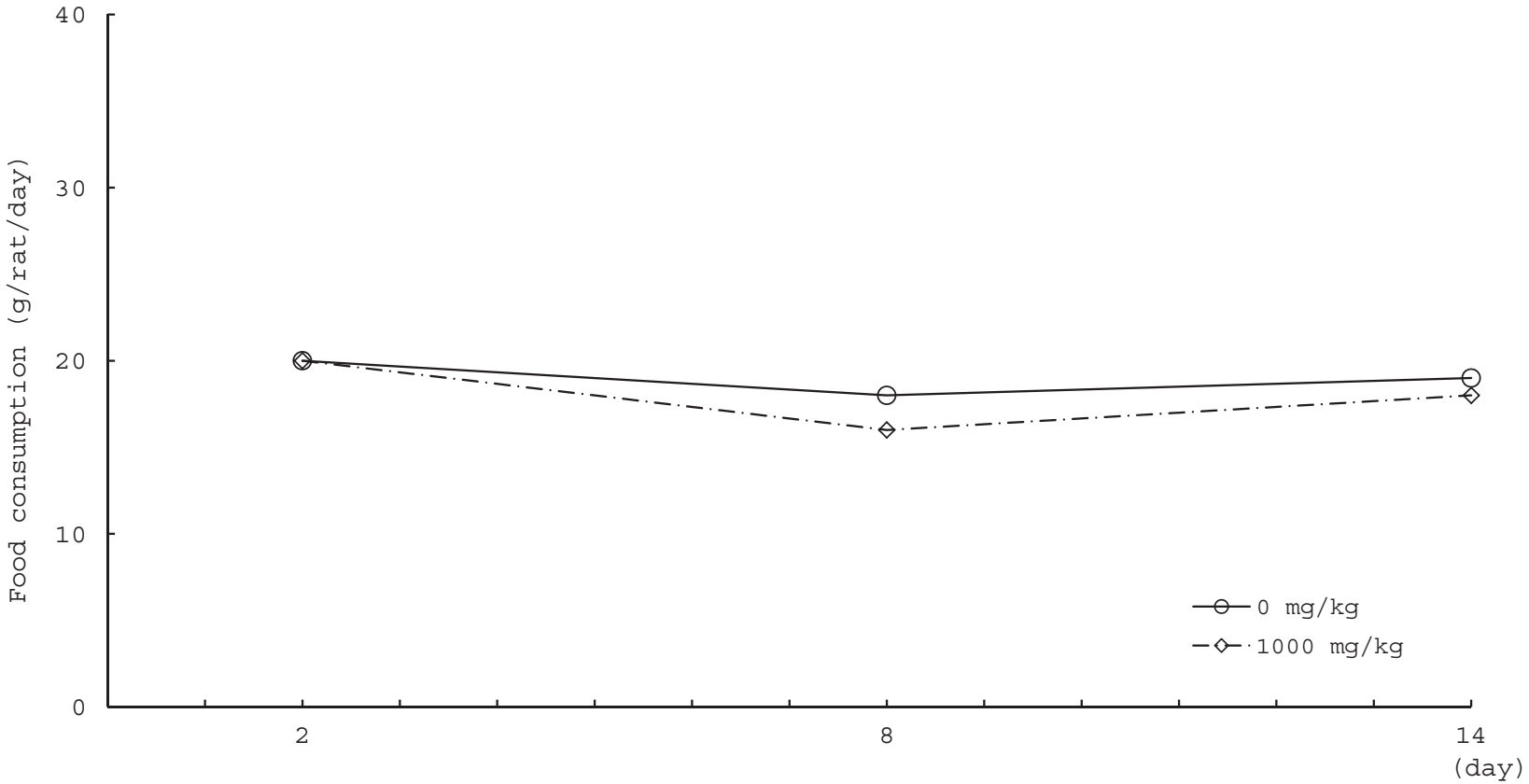


Fig.18 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats

Food consumption of female rats (Recovery period)

Study No.: R-1192

Table 1-1 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats

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
3-methoxybutan-1-ol 0 mg/kg	Number of animals	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
3-methoxybutan-1-ol 100 mg/kg	Number of animals	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
3-methoxybutan-1-ol 300 mg/kg	Number of animals	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
3-methoxybutan-1-ol 1000 mg/kg	Number of animals	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

Study No.: R-1192

Table 1-2 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats

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

Sex : Male Species : Rat

Test article Dose	Signs	/Day 15	16	17	18	19	20	21	22	23	24	25	26	27	28
3-methoxybutan-1-ol	Number of animals	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
3-methoxybutan-1-ol	Number of animals	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
3-methoxybutan-1-ol	Number of animals	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
3-methoxybutan-1-ol	Number of animals	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	2	1
	Salivation	0	0	0	0	0	0	0	0	0	0	0	0	2	1

Study No.: R-1192

Table 1-3 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats

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

Sex : Male Species : Rat

Test article Dose	Signs	/Day 29	30	31	32	33	34	35	36	37	38	39	40	41	42	43a)
3-methoxybutan-1-ol	Number of animals	12	12	12	12	12	12	12	12	12	12	12	12	12	12	7
0 mg/kg	Number of animals with abnormal findings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3-methoxybutan-1-ol	Number of animals	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
3-methoxybutan-1-ol	Number of animals	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
3-methoxybutan-1-ol	Number of animals	12	12	12	12	12	12	12	12	12	12	12	12	12	12	7
1000 mg/kg	Number of animals with abnormal findings	0	0	0	0	0	0	0	2	0	2	1	1	0	2	0
	Salivation	0	0	0	0	0	0	0	2	0	2	1	1	0	2	0

a) : Day of necropsy

Study No.: R-1192

Table 1-4 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats

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
3-methoxybutan-1-ol	Number of animals	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
3-methoxybutan-1-ol	Number of animals	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
3-methoxybutan-1-ol	Number of animals	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
3-methoxybutan-1-ol	Number of animals	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

Study No.: R-1192

Table 1-5 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats

Clinical signs Period : F0 gestation Day 0-25

Sex : Female Species : Rat

Test article Dose	Signs	/Day 0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
3-methoxybutan-1-ol	Number of animals	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	3
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	0	0
3-methoxybutan-1-ol	Number of animals	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	2
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	0	0
3-methoxybutan-1-ol	Number of animals	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	2
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	0	0
3-methoxybutan-1-ol	Number of animals	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	0
1000 mg/kg	Number of animals with abnormal findings	0	0	0	0	0	0	0	0	1	0	1	3	1	1	0	2	1	0	0	0	0	0	
	Salivation	0	0	0	0	0	0	0	0	1	0	1	3	1	1	0	2	1	0	0	0	0	0	

Study No.: R-1192

Table 1-6 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats

Clinical signs Period : F0 lactation Day 0-5

Sex : Female Species : Rat

Test article Dose	Signs	/Day 0	1	2	3	4	5a)
3-methoxybutan-1-ol 0 mg/kg	Number of animals	12	12	12	12	12	12
	Number of animals with abnormal findings	0	0	0	0	0	0
3-methoxybutan-1-ol 100 mg/kg	Number of animals	11	11	11	11	11	11
	Number of animals with abnormal findings	0	0	0	0	0	0
3-methoxybutan-1-ol 300 mg/kg	Number of animals	12	12	11b)	11	11	11
	Number of animals with abnormal findings	1	1	0	0	0	0
	Decrease, spontaneous movement	1	0	0	0	0	0
	Tachypnea	1	0	0	0	0	0
	Hypothermia	1	0	0	0	0	0
	Dead	0	1	0	0	0	0
3-methoxybutan-1-ol 1000 mg/kg	Number of animals	12	12	12	12	12	12
	Number of animals with abnormal findings	0	0	1	1	1	1
	Phyma	0	0	1	1	1	1

a) : Day of necropsy
b) : One dam died on lactation day 1

Study No.: R-1192

Table 1-7 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats

Clinical signs Period : Administration Day 1-43

Sex : Female Species : Rat

Test article Dose	Signs	/Day 1	2	3	4	5	6	7	8	9	10	11	12	13	14
3-methoxybutan-1-ol	Number of animals	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
3-methoxybutan-1-ol	Number of animals	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

Study No.: R-1192

Table 1-8 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats

Clinical signs Period : Administration Day 1-43

Sex : Female Species : Rat

Test article Dose	Signs	/Day 15	16	17	18	19	20	21	22	23	24	25	26	27	28
3-methoxybutan-1-ol	Number of animals	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
3-methoxybutan-1-ol	Number of animals	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	1	1	1	1	1	2	2
	Salivation	0	0	0	0	0	0	0	1	1	1	1	1	2	2

Study No.: R-1192

Table 1-9 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats

Clinical signs Period : Administration Day 1-43

Sex : Female Species : Rat

Test article Dose	Signs	/Day 29	30	31	32	33	34	35	36	37	38	39	40	41	42	43a)
3-methoxybutan-1-ol	Number of animals	10	10	10	10	10	10	10	10	10	10	10	10	10	10	5
0 mg/kg	Number of animals with abnormal findings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3-methoxybutan-1-ol	Number of animals	10	10	10	10	10	10	10	10	10	10	10	10	10	10	5
1000 mg/kg	Number of animals with abnormal findings	1	0	0	0	1	1	1	1	0	1	0	0	0	0	0
	Salivation	1	0	0	0	1	1	1	1	0	1	0	0	0	0	0

a) : Day of necropsy

Study No.: R-1192

Table 1-10 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats

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	15a)
3-methoxybutan-1-ol	Number of animals	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Number of animals with abnormal findings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3-methoxybutan-1-ol	Number of animals	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	Number of animals with abnormal findings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	Trauma	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1

a) : Day of necropsy

Study No.: R-1192

Table 1-11 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats

Clinical signs Period : Recovery 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	15a)
3-methoxybutan-1-ol	Number of animals	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Number of animals with abnormal findings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3-methoxybutan-1-ol	Number of animals	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	Number of animals with abnormal findings	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

a) : Day of necropsy

Table 2 - 1 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

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
3-methoxybutan-1-ol 0 mg/kg	n	12	0	0	12	0	0	0
3-methoxybutan-1-ol 100 mg/kg	n	12	0	0	12	0	0	0
3-methoxybutan-1-ol 300 mg/kg	n	12	0	0	12	0	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	12	0	0	12	0	0	0

Test article Dose		Abnormal NC behavior 0	 1	 2	 3
3-methoxybutan-1-ol 0 mg/kg	n	12	0	0	0
3-methoxybutan-1-ol 100 mg/kg	n	12	0	0	0
3-methoxybutan-1-ol 300 mg/kg	n	12	0	0	0
3-methoxybutan-1-ol 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

Table 2 - 2 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Home cage observation Period : F0 before mating

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

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

Test article		Abnormal NC behavior			
Dose		0	1	2	3
3-methoxybutan-1-ol 0 mg/kg	n	12	0	0	0
3-methoxybutan-1-ol 100 mg/kg	n	12	0	0	0
3-methoxybutan-1-ol 300 mg/kg	n	12	0	0	0
3-methoxybutan-1-ol 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

Table 2 - 3 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

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
3-methoxybutan-1-ol 0 mg/kg	n	12	0	0	12	0	0	0
3-methoxybutan-1-ol 100 mg/kg	n	12	0	0	12	0	0	0
3-methoxybutan-1-ol 300 mg/kg	n	12	0	0	12	0	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	12	0	0	12	0	0	0

Test article Dose		Abnormal NC behavior 0	 1	 2	 3
3-methoxybutan-1-ol 0 mg/kg	n	12	0	0	0
3-methoxybutan-1-ol 100 mg/kg	n	12	0	0	0
3-methoxybutan-1-ol 300 mg/kg	n	12	0	0	0
3-methoxybutan-1-ol 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

Table 2 - 4 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Home cage observation Period : F0 mating

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

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

Test article Dose		Abnormal NC behavior 0	 1	 2	 3
3-methoxybutan-1-ol 0 mg/kg	n	12	0	0	0
3-methoxybutan-1-ol 100 mg/kg	n	12	0	0	0
3-methoxybutan-1-ol 300 mg/kg	n	12	0	0	0
3-methoxybutan-1-ol 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

Table 2 - 5 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Home cage observation Period : F0 mating

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

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

Test article Dose		Abnormal NC behavior 0	 1	 2	 3
3-methoxybutan-1-ol 0 mg/kg	n	12	0	0	0
3-methoxybutan-1-ol 100 mg/kg	n	12	0	0	0
3-methoxybutan-1-ol 300 mg/kg	n	12	0	0	0
3-methoxybutan-1-ol 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

Table 2 - 6 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Home cage observation Period : F0 mating

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

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

Test article Dose		Abnormal NC behavior 0	 1	 2	 3
3-methoxybutan-1-ol 0 mg/kg	n	12	0	0	0
3-methoxybutan-1-ol 100 mg/kg	n	12	0	0	0
3-methoxybutan-1-ol 300 mg/kg	n	12	0	0	0
3-methoxybutan-1-ol 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

Table 2 - 7 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

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
3-methoxybutan-1-ol 0 mg/kg	n	12	0	0	12	0	0	0
3-methoxybutan-1-ol 100 mg/kg	n	12	0	0	12	0	0	0
3-methoxybutan-1-ol 300 mg/kg	n	12	0	0	12	0	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	12	0	0	12	0	0	0

Test article Dose		Abnormal NC behavior 0	 1	 2	 3
3-methoxybutan-1-ol 0 mg/kg	n	12	0	0	0
3-methoxybutan-1-ol 100 mg/kg	n	12	0	0	0
3-methoxybutan-1-ol 300 mg/kg	n	12	0	0	0
3-methoxybutan-1-ol 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

Table 2 - 8 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

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
3-methoxybutan-1-ol 0 mg/kg	n	12	0	0	12	0	0	0
3-methoxybutan-1-ol 100 mg/kg	n	12	0	0	12	0	0	0
3-methoxybutan-1-ol 300 mg/kg	n	12	0	0	12	0	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	12	0	0	12	0	0	0

Test article Dose		Abnormal NC behavior 0	 1	 2	 3
3-methoxybutan-1-ol 0 mg/kg	n	12	0	0	0
3-methoxybutan-1-ol 100 mg/kg	n	12	0	0	0
3-methoxybutan-1-ol 300 mg/kg	n	12	0	0	0
3-methoxybutan-1-ol 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

Table 2 - 9 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

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
3-methoxybutan-1-ol 0 mg/kg	n	12	0	0	12	0	0	0
3-methoxybutan-1-ol 100 mg/kg	n	11	0	0	11	0	0	0
3-methoxybutan-1-ol 300 mg/kg	n	12	0	0	12	0	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	12	0	0	12	0	0	0

Test article Dose		Abnormal NC behavior 0	 1	 2	 3
3-methoxybutan-1-ol 0 mg/kg	n	12	0	0	0
3-methoxybutan-1-ol 100 mg/kg	n	11	0	0	0
3-methoxybutan-1-ol 300 mg/kg	n	12	0	0	0
3-methoxybutan-1-ol 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

Table 2 - 10 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Home cage observation Period : F0 gestation
Generation : F0 Sex : Female Day : 7 Species : Rat

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

Test article Dose		Abnormal NC behavior 0	 1	 2	 3
3-methoxybutan-1-ol 0 mg/kg	n	12	0	0	0
3-methoxybutan-1-ol 100 mg/kg	n	11	0	0	0
3-methoxybutan-1-ol 300 mg/kg	n	12	0	0	0
3-methoxybutan-1-ol 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

Table 2 - 11 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Home cage observation Period : F0 gestation
Generation : F0 Sex : Female Day : 14 Species : Rat

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

Test article Dose		Abnormal NC behavior 0	1	2	3
3-methoxybutan-1-ol 0 mg/kg	n	12	0	0	0
3-methoxybutan-1-ol 100 mg/kg	n	11	0	0	0
3-methoxybutan-1-ol 300 mg/kg	n	12	0	0	0
3-methoxybutan-1-ol 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

Table 2 - 12 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

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
3-methoxybutan-1-ol 0 mg/kg	n	12	0	0	12	0	0	0
3-methoxybutan-1-ol 100 mg/kg	n	11	0	0	11	0	0	0
3-methoxybutan-1-ol 300 mg/kg	n	12	0	0	12	0	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	12	0	0	12	0	0	0

Test article Dose		Abnormal NC behavior 0	1	2	3
3-methoxybutan-1-ol 0 mg/kg	n	12	0	0	0
3-methoxybutan-1-ol 100 mg/kg	n	11	0	0	0
3-methoxybutan-1-ol 300 mg/kg	n	12	0	0	0
3-methoxybutan-1-ol 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

Table 2 - 13 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Home cage observation Period : F0 lactation
Generation : F0 Sex : Female Day : 4 Species : Rat

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

Test article Dose		Abnormal NC behavior 0	 1	 2	 3
3-methoxybutan-1-ol 0 mg/kg	n	12	0	0	0
3-methoxybutan-1-ol 100 mg/kg	n	11	0	0	0
3-methoxybutan-1-ol 300 mg/kg	n	11	0	0	0
3-methoxybutan-1-ol 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

Table 2 - 14 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Home cage observation Period : Administration
Generation : F0 Sex : Female Week : 1 Species : Rat

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

Test article		Abnormal NC behavior			
Dose		0	1	2	3
3-methoxybutan-1-ol 0 mg/kg	n	10	0	0	0
3-methoxybutan-1-ol 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

Table 2 - 15 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Home cage observation Period : Administration
Generation : F0 Sex : Female Week : 2 Species : Rat

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

Test article		Abnormal NC behavior			
Dose		0	1	2	3
3-methoxybutan-1-ol 0 mg/kg	n	10	0	0	0
3-methoxybutan-1-ol 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

Table 2 - 16 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Home cage observation Period : Administration
Generation : F0 Sex : Female Week : 3 Species : Rat

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

Test article Dose		Abnormal NC behavior 0	 1	 2	 3
3-methoxybutan-1-ol 0 mg/kg	n	10	0	0	0
3-methoxybutan-1-ol 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

Table 2 - 17 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Home cage observation Period : Administration
Generation : F0 Sex : Female Week : 4 Species : Rat

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

Test article Dose		Abnormal NC behavior 0	1	2	3
3-methoxybutan-1-ol 0 mg/kg	n	10	0	0	0
3-methoxybutan-1-ol 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

Table 2 - 18 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Home cage observation Period : Administration
Generation : F0 Sex : Female Week : 5 Species : Rat

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

Test article		Abnormal NC behavior			
Dose		0	1	2	3
3-methoxybutan-1-ol 0 mg/kg	n	10	0	0	0
3-methoxybutan-1-ol 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

Table 2 - 19 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Home cage observation Period : Administration
Generation : F0 Sex : Female Week : 6 Species : Rat

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

Test article Dose		Abnormal NC behavior 0	1	2	3
3-methoxybutan-1-ol 0 mg/kg	n	10	0	0	0
3-methoxybutan-1-ol 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

Table 2 - 20 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Home cage observation Period : Recovery
Generation : F0 Sex : Male Week : 1 Species : Rat

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

Test article Dose		Abnormal NC behavior 0	 1	 2	 3
3-methoxybutan-1-ol 0 mg/kg	n	5	0	0	0
3-methoxybutan-1-ol 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

Table 2 - 21 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

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
3-methoxybutan-1-ol 0 mg/kg	n	5	0	0	5	0	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	5	0	0	5	0	0	0

Test article / Dose		Abnormal NC behavior			
		0	1	2	3
3-methoxybutan-1-ol 0 mg/kg	n	5	0	0	0
3-methoxybutan-1-ol 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

Table 2 - 22 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Home cage observation Period : Recovery
Generation : F0 Sex : Female Week : 1 Species : Rat

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

Test article Dose		Abnormal NC behavior 0	 1	 2	 3
3-methoxybutan-1-ol 0 mg/kg	n	5	0	0	0
3-methoxybutan-1-ol 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

Table 2 - 23 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Home cage observation Period : Recovery
Generation : F0 Sex : Female Week : 2 Species : Rat

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

Test article Dose		Abnormal NC behavior 0	 1	 2	 3
3-methoxybutan-1-ol 0 mg/kg	n	5	0	0	0
3-methoxybutan-1-ol 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

Table 2 - 24 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

In-the-hand observation Period : F0 before mating
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
3-methoxybutan-1-ol 0 mg/kg	n	0	12	0	0	0	12	0	0	0
3-methoxybutan-1-ol 100 mg/kg	n	0	12	0	0	0	12	0	0	0
3-methoxybutan-1-ol 300 mg/kg	n	0	12	0	0	0	12	0	0	0
3-methoxybutan-1-ol 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
3-methoxybutan-1-ol 0 mg/kg	n	12	0	0	0	12	0	12	0
3-methoxybutan-1-ol 100 mg/kg	n	12	0	0	0	12	0	12	0
3-methoxybutan-1-ol 300 mg/kg	n	12	0	0	0	12	0	12	0
3-methoxybutan-1-ol 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: Nomal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Nomal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Not calculated : NC

Table 2 - 25 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

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
3-methoxybutan-1-ol 0 mg/kg	n	12	0	0	0	12	0	0	0	12	0
3-methoxybutan-1-ol 100 mg/kg	n	12	0	0	0	12	0	0	0	12	0
3-methoxybutan-1-ol 300 mg/kg	n	12	0	0	0	12	0	0	0	12	0
3-methoxybutan-1-ol 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
3-methoxybutan-1-ol 0 mg/kg	n	12	0	0	12	0	0	12	0	0	0
3-methoxybutan-1-ol 100 mg/kg	n	12	0	0	12	0	0	12	0	0	0
3-methoxybutan-1-ol 300 mg/kg	n	12	0	0	12	0	0	12	0	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	12	0	0	12	0	0	12	0	0	0

Palpebral closure) 0: Nomal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Nomal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Nomal, 1: Half opened pupil, 2: Mydriasis
Salivation) 0: None, 1: Slight, 2: Moderate, 3: Marked
Not calculated : NC

Table 2 - 26 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

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
3-methoxybutan-1-ol 0 mg/kg	n	12	0	0	0	12	0	0	0
3-methoxybutan-1-ol 100 mg/kg	n	12	0	0	0	12	0	0	0
3-methoxybutan-1-ol 300 mg/kg	n	12	0	0	0	12	0	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	12	0	0	0	12	0	0	0

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

Table 2 - 27 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

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 NC			
Dose		-1	0	1	2	3	0	1	2	3
3-methoxybutan-1-ol 0 mg/kg	n	0	12	0	0	0	12	0	0	0
3-methoxybutan-1-ol 100 mg/kg	n	0	12	0	0	0	12	0	0	0
3-methoxybutan-1-ol 300 mg/kg	n	0	12	0	0	0	12	0	0	0
3-methoxybutan-1-ol 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
3-methoxybutan-1-ol 0 mg/kg	n	12	0	0	0	12	0	12	0
3-methoxybutan-1-ol 100 mg/kg	n	12	0	0	0	12	0	12	0
3-methoxybutan-1-ol 300 mg/kg	n	12	0	0	0	12	0	12	0
3-methoxybutan-1-ol 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: Nomal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Nomal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Not calculated : NC

Table 2 - 28 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

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
3-methoxybutan-1-ol 0 mg/kg	n	12	0	0	0	12	0	0	0	12	0
3-methoxybutan-1-ol 100 mg/kg	n	12	0	0	0	12	0	0	0	12	0
3-methoxybutan-1-ol 300 mg/kg	n	12	0	0	0	12	0	0	0	12	0
3-methoxybutan-1-ol 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
3-methoxybutan-1-ol 0 mg/kg	n	12	0	0	12	0	0	12	0	0	0
3-methoxybutan-1-ol 100 mg/kg	n	12	0	0	12	0	0	12	0	0	0
3-methoxybutan-1-ol 300 mg/kg	n	12	0	0	12	0	0	12	0	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	12	0	0	12	0	0	12	0	0	0

Palpebral closure) 0: Nomal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Nomal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Nomal, 1: Half opened pupil, 2: Mydriasis
Salivation) 0: None, 1: Slight, 2: Moderate, 3: Marked
Not calculated : NC

Table 2 - 29 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

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
3-methoxybutan-1-ol 0 mg/kg	n	12	0	0	0	11	1	0	0
3-methoxybutan-1-ol 100 mg/kg	n	12	0	0	0	12	0	0	0
3-methoxybutan-1-ol 300 mg/kg	n	12	0	0	0	12	0	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	12	0	0	0	9	3	0	0

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

Table 2 - 30 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

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
3-methoxybutan-1-ol 0 mg/kg	n	0	12	0	0	0	12	0	0	0
3-methoxybutan-1-ol 100 mg/kg	n	0	12	0	0	0	12	0	0	0
3-methoxybutan-1-ol 300 mg/kg	n	0	12	0	0	0	12	0	0	0
3-methoxybutan-1-ol 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
3-methoxybutan-1-ol 0 mg/kg	n	12	0	0	0	12	0	12	0
3-methoxybutan-1-ol 100 mg/kg	n	12	0	0	0	12	0	12	0
3-methoxybutan-1-ol 300 mg/kg	n	12	0	0	0	12	0	12	0
3-methoxybutan-1-ol 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: Nomal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Nomal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Not calculated : NC

Table 2 - 31 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

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
3-methoxybutan-1-ol 0 mg/kg	n	12	0	0	0	12	0	0	0	12	0
3-methoxybutan-1-ol 100 mg/kg	n	12	0	0	0	12	0	0	0	12	0
3-methoxybutan-1-ol 300 mg/kg	n	12	0	0	0	12	0	0	0	12	0
3-methoxybutan-1-ol 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
3-methoxybutan-1-ol 0 mg/kg	n	12	0	0	12	0	0	12	0	0	0
3-methoxybutan-1-ol 100 mg/kg	n	12	0	0	12	0	0	12	0	0	0
3-methoxybutan-1-ol 300 mg/kg	n	12	0	0	12	0	0	12	0	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	12	0	0	12	0	0	12	0	0	0

Palpebral closure) 0: Nomal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Nomal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Nomal, 1: Half opened pupil, 2: Mydriasis
Salivation) 0: None, 1: Slight, 2: Moderate, 3: Marked
Not calculated : NC

Table 2 - 32 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

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
3-methoxybutan-1-ol 0 mg/kg	n	12	0	0	0	12	0	0	0
3-methoxybutan-1-ol 100 mg/kg	n	12	0	0	0	12	0	0	0
3-methoxybutan-1-ol 300 mg/kg	n	12	0	0	0	12	0	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	12	0	0	0	11	1	0	0

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

Table 2 - 33 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

In-the-hand observation Period : F0 mating
Generation : F0 Sex : Male 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
3-methoxybutan-1-ol 0 mg/kg	n	0	12	0	0	0	12	0	0	0
3-methoxybutan-1-ol 100 mg/kg	n	0	12	0	0	0	12	0	0	0
3-methoxybutan-1-ol 300 mg/kg	n	0	12	0	0	0	12	0	0	0
3-methoxybutan-1-ol 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
3-methoxybutan-1-ol 0 mg/kg	n	12	0	0	0	12	0	12	0
3-methoxybutan-1-ol 100 mg/kg	n	12	0	0	0	12	0	12	0
3-methoxybutan-1-ol 300 mg/kg	n	12	0	0	0	12	0	12	0
3-methoxybutan-1-ol 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: Nomal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Nomal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Not calculated : NC

Table 2 - 34 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

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
3-methoxybutan-1-ol 0 mg/kg	n	12	0	0	0	12	0	0	0	12	0
3-methoxybutan-1-ol 100 mg/kg	n	12	0	0	0	12	0	0	0	12	0
3-methoxybutan-1-ol 300 mg/kg	n	12	0	0	0	12	0	0	0	12	0
3-methoxybutan-1-ol 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
3-methoxybutan-1-ol 0 mg/kg	n	12	0	0	12	0	0	12	0	0	0
3-methoxybutan-1-ol 100 mg/kg	n	12	0	0	12	0	0	12	0	0	0
3-methoxybutan-1-ol 300 mg/kg	n	12	0	0	12	0	0	12	0	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	12	0	0	12	0	0	11	1	0	0

Palpebral closure) 0: Nomal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Nomal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Nomal, 1: Half opened pupil, 2: Mydriasis
Salivation) 0: None, 1: Slight, 2: Moderate, 3: Marked
Not calculated : NC

Table 2 - 35 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

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
3-methoxybutan-1-ol 0 mg/kg	n	12	0	0	0	11	1	0	0
3-methoxybutan-1-ol 100 mg/kg	n	12	0	0	0	12	0	0	0
3-methoxybutan-1-ol 300 mg/kg	n	12	0	0	0	11	1	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	12	0	0	0	11	1	0	0

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

Table 2 - 36 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

In-the-hand observation Period : F0 mating
Generation : F0 Sex : Male 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
3-methoxybutan-1-ol 0 mg/kg	n	0	12	0	0	0	12	0	0	0
3-methoxybutan-1-ol 100 mg/kg	n	0	12	0	0	0	12	0	0	0
3-methoxybutan-1-ol 300 mg/kg	n	0	12	0	0	0	12	0	0	0
3-methoxybutan-1-ol 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
3-methoxybutan-1-ol 0 mg/kg	n	12	0	0	0	12	0	12	0
3-methoxybutan-1-ol 100 mg/kg	n	12	0	0	0	12	0	12	0
3-methoxybutan-1-ol 300 mg/kg	n	12	0	0	0	12	0	12	0
3-methoxybutan-1-ol 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: Nomal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Nomal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Not calculated : NC

Table 2 - 37 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

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
3-methoxybutan-1-ol 0 mg/kg	n	12	0	0	0	12	0	0	0	12	0
3-methoxybutan-1-ol 100 mg/kg	n	12	0	0	0	12	0	0	0	12	0
3-methoxybutan-1-ol 300 mg/kg	n	12	0	0	0	12	0	0	0	12	0
3-methoxybutan-1-ol 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
3-methoxybutan-1-ol 0 mg/kg	n	12	0	0	12	0	0	12	0	0	0
3-methoxybutan-1-ol 100 mg/kg	n	12	0	0	12	0	0	12	0	0	0
3-methoxybutan-1-ol 300 mg/kg	n	12	0	0	12	0	0	12	0	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	12	0	0	12	0	0	10	1	1	0

Palpebral closure) 0: Nomal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Nomal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Nomal, 1: Half opened pupil, 2: Mydriasis
Salivation) 0: None, 1: Slight, 2: Moderate, 3: Marked
Not calculated : NC

Table 2 - 38 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

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
3-methoxybutan-1-ol 0 mg/kg	n	12	0	0	0	12	0	0	0
3-methoxybutan-1-ol 100 mg/kg	n	12	0	0	0	12	0	0	0
3-methoxybutan-1-ol 300 mg/kg	n	12	0	0	0	12	0	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	12	0	0	0	12	0	0	0

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

Table 2 - 39 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

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
3-methoxybutan-1-ol 0 mg/kg	n	0	12	0	0	0	12	0	0	0
3-methoxybutan-1-ol 100 mg/kg	n	0	12	0	0	0	12	0	0	0
3-methoxybutan-1-ol 300 mg/kg	n	0	12	0	0	0	12	0	0	0
3-methoxybutan-1-ol 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
3-methoxybutan-1-ol 0 mg/kg	n	12	0	0	0	12	0	12	0
3-methoxybutan-1-ol 100 mg/kg	n	12	0	0	0	12	0	12	0
3-methoxybutan-1-ol 300 mg/kg	n	12	0	0	0	12	0	12	0
3-methoxybutan-1-ol 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: Nomal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Nomal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Not calculated : NC

Table 2 - 40 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

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
3-methoxybutan-1-ol 0 mg/kg	n	12	0	0	0	12	0	0	0	12	0
3-methoxybutan-1-ol 100 mg/kg	n	12	0	0	0	12	0	0	0	12	0
3-methoxybutan-1-ol 300 mg/kg	n	12	0	0	0	12	0	0	0	12	0
3-methoxybutan-1-ol 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
3-methoxybutan-1-ol 0 mg/kg	n	12	0	0	12	0	0	12	0	0	0
3-methoxybutan-1-ol 100 mg/kg	n	12	0	0	12	0	0	12	0	0	0
3-methoxybutan-1-ol 300 mg/kg	n	12	0	0	12	0	0	12	0	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	12	0	0	12	0	0	11	1	0	0

Palpebral closure) 0: Nomal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Nomal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Nomal, 1: Half opened pupil, 2: Mydriasis
Salivation) 0: None, 1: Slight, 2: Moderate, 3: Marked
Not calculated : NC

Table 2 - 41 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

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
3-methoxybutan-1-ol 0 mg/kg	n	12	0	0	0	12	0	0	0
3-methoxybutan-1-ol 100 mg/kg	n	12	0	0	0	12	0	0	0
3-methoxybutan-1-ol 300 mg/kg	n	12	0	0	0	12	0	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	12	0	0	0	12	0	0	0

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

Table 2 - 42 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

In-the-hand observation Period : F0 before mating
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
3-methoxybutan-1-ol 0 mg/kg	n	0	12	0	0	0	12	0	0	0
3-methoxybutan-1-ol 100 mg/kg	n	0	12	0	0	0	12	0	0	0
3-methoxybutan-1-ol 300 mg/kg	n	0	12	0	0	0	12	0	0	0
3-methoxybutan-1-ol 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
3-methoxybutan-1-ol 0 mg/kg	n	12	0	0	0	12	0	12	0
3-methoxybutan-1-ol 100 mg/kg	n	12	0	0	0	12	0	12	0
3-methoxybutan-1-ol 300 mg/kg	n	12	0	0	0	12	0	12	0
3-methoxybutan-1-ol 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: Nomal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Nomal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Not calculated : NC

Table 2 - 43 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

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
3-methoxybutan-1-ol 0 mg/kg	n	12	0	0	0	12	0	0	0	12	0
3-methoxybutan-1-ol 100 mg/kg	n	12	0	0	0	12	0	0	0	12	0
3-methoxybutan-1-ol 300 mg/kg	n	12	0	0	0	12	0	0	0	12	0
3-methoxybutan-1-ol 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
3-methoxybutan-1-ol 0 mg/kg	n	12	0	0	12	0	0	12	0	0	0
3-methoxybutan-1-ol 100 mg/kg	n	12	0	0	12	0	0	12	0	0	0
3-methoxybutan-1-ol 300 mg/kg	n	12	0	0	12	0	0	12	0	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	12	0	0	12	0	0	12	0	0	0

Palpebral closure) 0: Nomal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Nomal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Nomal, 1: Half opened pupil, 2: Mydriasis
Salivation) 0: None, 1: Slight, 2: Moderate, 3: Marked
Not calculated : NC

Table 2 - 44 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

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
3-methoxybutan-1-ol 0 mg/kg	n	12	0	0	0	11	1	0	0
3-methoxybutan-1-ol 100 mg/kg	n	12	0	0	0	12	0	0	0
3-methoxybutan-1-ol 300 mg/kg	n	12	0	0	0	12	0	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	12	0	0	0	11	1	0	0

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

Table 2 - 45 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

In-the-hand observation Period : F0 before mating
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
3-methoxybutan-1-ol 0 mg/kg	n	0	12	0	0	0	12	0	0	0
3-methoxybutan-1-ol 100 mg/kg	n	0	12	0	0	0	12	0	0	0
3-methoxybutan-1-ol 300 mg/kg	n	0	12	0	0	0	12	0	0	0
3-methoxybutan-1-ol 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
3-methoxybutan-1-ol 0 mg/kg	n	12	0	0	0	12	0	12	0
3-methoxybutan-1-ol 100 mg/kg	n	12	0	0	0	12	0	12	0
3-methoxybutan-1-ol 300 mg/kg	n	12	0	0	0	12	0	12	0
3-methoxybutan-1-ol 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: Nomal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Nomal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Not calculated : NC

Table 2 - 46 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

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
3-methoxybutan-1-ol 0 mg/kg	n	12	0	0	0	12	0	0	0	12	0
3-methoxybutan-1-ol 100 mg/kg	n	12	0	0	0	12	0	0	0	12	0
3-methoxybutan-1-ol 300 mg/kg	n	12	0	0	0	12	0	0	0	12	0
3-methoxybutan-1-ol 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
3-methoxybutan-1-ol 0 mg/kg	n	12	0	0	12	0	0	12	0	0	0
3-methoxybutan-1-ol 100 mg/kg	n	12	0	0	12	0	0	12	0	0	0
3-methoxybutan-1-ol 300 mg/kg	n	12	0	0	12	0	0	12	0	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	12	0	0	12	0	0	12	0	0	0

Palpebral closure) 0: Nomal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Nomal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Nomal, 1: Half opened pupil, 2: Mydriasis
Salivation) 0: None, 1: Slight, 2: Moderate, 3: Marked
Not calculated : NC

Table 2 - 47 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

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
3-methoxybutan-1-ol 0 mg/kg	n	12	0	0	0	11	1	0	0
3-methoxybutan-1-ol 100 mg/kg	n	12	0	0	0	12	0	0	0
3-methoxybutan-1-ol 300 mg/kg	n	12	0	0	0	10	2	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	12	0	0	0	12	0	0	0

Test article		Reactivity to NC handling				
Dose		-1	0	1	2	3
3-methoxybutan-1-ol 0 mg/kg	n	0	11	1	0	0
3-methoxybutan-1-ol 100 mg/kg	n	0	12	0	0	0
3-methoxybutan-1-ol 300 mg/kg	n	0	10	2	0	0
3-methoxybutan-1-ol 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

Table 2 - 48 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

In-the-hand observation Period : F0 gestation
Generation : F0 Sex : Female Day : 1 Species : Rat

Test article		Ease of removal from cage NC					Fur condition NC			
Dose		-1	0	1	2	3	0	1	2	3
3-methoxybutan-1-ol 0 mg/kg	n	0	12	0	0	0	12	0	0	0
3-methoxybutan-1-ol 100 mg/kg	n	0	11	0	0	0	11	0	0	0
3-methoxybutan-1-ol 300 mg/kg	n	0	12	0	0	0	12	0	0	0
3-methoxybutan-1-ol 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
3-methoxybutan-1-ol 0 mg/kg	n	12	0	0	0	12	0	12	0
3-methoxybutan-1-ol 100 mg/kg	n	11	0	0	0	11	0	11	0
3-methoxybutan-1-ol 300 mg/kg	n	12	0	0	0	12	0	12	0
3-methoxybutan-1-ol 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: Nomal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Nomal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Not calculated : NC

Table 2 - 49 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

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
3-methoxybutan-1-ol 0 mg/kg	n	12	0	0	0	12	0	0	0	12	0
3-methoxybutan-1-ol 100 mg/kg	n	11	0	0	0	11	0	0	0	11	0
3-methoxybutan-1-ol 300 mg/kg	n	12	0	0	0	12	0	0	0	12	0
3-methoxybutan-1-ol 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
3-methoxybutan-1-ol 0 mg/kg	n	12	0	0	12	0	0	12	0	0	0
3-methoxybutan-1-ol 100 mg/kg	n	11	0	0	11	0	0	11	0	0	0
3-methoxybutan-1-ol 300 mg/kg	n	12	0	0	12	0	0	12	0	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	12	0	0	12	0	0	12	0	0	0

Palpebral closure) 0: Nomal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Nomal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Nomal, 1: Half opened pupil, 2: Mydriasis
Salivation) 0: None, 1: Slight, 2: Moderate, 3: Marked
Not calculated : NC

Table 2 - 50 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

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
3-methoxybutan-1-ol 0 mg/kg	n	12	0	0	0	12	0	0	0
3-methoxybutan-1-ol 100 mg/kg	n	11	0	0	0	11	0	0	0
3-methoxybutan-1-ol 300 mg/kg	n	12	0	0	0	11	1	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	12	0	0	0	11	1	0	0

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

Table 2 - 51 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

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
3-methoxybutan-1-ol 0 mg/kg	n	0	12	0	0	0	12	0	0	0
3-methoxybutan-1-ol 100 mg/kg	n	0	11	0	0	0	11	0	0	0
3-methoxybutan-1-ol 300 mg/kg	n	0	12	0	0	0	12	0	0	0
3-methoxybutan-1-ol 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
3-methoxybutan-1-ol 0 mg/kg	n	12	0	0	0	12	0	12	0
3-methoxybutan-1-ol 100 mg/kg	n	11	0	0	0	11	0	11	0
3-methoxybutan-1-ol 300 mg/kg	n	12	0	0	0	12	0	12	0
3-methoxybutan-1-ol 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: Nomal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Nomal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Not calculated : NC

Table 2 - 52 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

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
3-methoxybutan-1-ol 0 mg/kg	n	12	0	0	0	12	0	0	0	12	0
3-methoxybutan-1-ol 100 mg/kg	n	11	0	0	0	11	0	0	0	11	0
3-methoxybutan-1-ol 300 mg/kg	n	12	0	0	0	12	0	0	0	12	0
3-methoxybutan-1-ol 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
3-methoxybutan-1-ol 0 mg/kg	n	12	0	0	12	0	0	12	0	0	0
3-methoxybutan-1-ol 100 mg/kg	n	11	0	0	11	0	0	11	0	0	0
3-methoxybutan-1-ol 300 mg/kg	n	12	0	0	12	0	0	12	0	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	12	0	0	12	0	0	12	0	0	0

Palpebral closure) 0: Nomal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Nomal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Nomal, 1: Half opened pupil, 2: Mydriasis
Salivation) 0: None, 1: Slight, 2: Moderate, 3: Marked
Not calculated : NC

Table 2 - 53 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

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
3-methoxybutan-1-ol 0 mg/kg	n	12	0	0	0	12	0	0	0
3-methoxybutan-1-ol 100 mg/kg	n	11	0	0	0	11	0	0	0
3-methoxybutan-1-ol 300 mg/kg	n	12	0	0	0	12	0	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	12	0	0	0	12	0	0	0

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

Table 2 - 54 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

In-the-hand observation Period : F0 gestation
Generation : F0 Sex : Female Day : 14 Species : Rat

Test article		Ease of removal from cage NC					Fur condition NC			
Dose		-1	0	1	2	3	0	1	2	3
3-methoxybutan-1-ol 0 mg/kg	n	0	12	0	0	0	12	0	0	0
3-methoxybutan-1-ol 100 mg/kg	n	0	11	0	0	0	11	0	0	0
3-methoxybutan-1-ol 300 mg/kg	n	0	12	0	0	0	12	0	0	0
3-methoxybutan-1-ol 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
3-methoxybutan-1-ol 0 mg/kg	n	12	0	0	0	12	0	12	0
3-methoxybutan-1-ol 100 mg/kg	n	11	0	0	0	11	0	11	0
3-methoxybutan-1-ol 300 mg/kg	n	12	0	0	0	12	0	12	0
3-methoxybutan-1-ol 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: Nomal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Nomal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Not calculated : NC

Table 2 - 55 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

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
3-methoxybutan-1-ol 0 mg/kg	n	12	0	0	0	12	0	0	0	12	0
3-methoxybutan-1-ol 100 mg/kg	n	11	0	0	0	11	0	0	0	11	0
3-methoxybutan-1-ol 300 mg/kg	n	12	0	0	0	12	0	0	0	12	0
3-methoxybutan-1-ol 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
3-methoxybutan-1-ol 0 mg/kg	n	12	0	0	12	0	0	12	0	0	0
3-methoxybutan-1-ol 100 mg/kg	n	11	0	0	11	0	0	11	0	0	0
3-methoxybutan-1-ol 300 mg/kg	n	12	0	0	12	0	0	12	0	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	12	0	0	12	0	0	12	0	0	0

Palpebral closure) 0: Nomal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Nomal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Nomal, 1: Half opened pupil, 2: Mydriasis
Salivation) 0: None, 1: Slight, 2: Moderate, 3: Marked
Not calculated : NC

Table 2 - 56 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

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
3-methoxybutan-1-ol 0 mg/kg	n	12	0	0	0	12	0	0	0
3-methoxybutan-1-ol 100 mg/kg	n	11	0	0	0	11	0	0	0
3-methoxybutan-1-ol 300 mg/kg	n	12	0	0	0	12	0	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	12	0	0	0	12	0	0	0

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

Table 2 - 57 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

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
3-methoxybutan-1-ol 0 mg/kg	n	0	12	0	0	0	12	0	0	0
3-methoxybutan-1-ol 100 mg/kg	n	0	11	0	0	0	11	0	0	0
3-methoxybutan-1-ol 300 mg/kg	n	0	12	0	0	0	12	0	0	0
3-methoxybutan-1-ol 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
3-methoxybutan-1-ol 0 mg/kg	n	12	0	0	0	12	0	12	0
3-methoxybutan-1-ol 100 mg/kg	n	11	0	0	0	11	0	11	0
3-methoxybutan-1-ol 300 mg/kg	n	12	0	0	0	12	0	12	0
3-methoxybutan-1-ol 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: Nomal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Nomal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Not calculated : NC

Table 2 - 58 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

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
3-methoxybutan-1-ol 0 mg/kg	n	12	0	0	0	12	0	0	0	12	0
3-methoxybutan-1-ol 100 mg/kg	n	11	0	0	0	11	0	0	0	11	0
3-methoxybutan-1-ol 300 mg/kg	n	12	0	0	0	12	0	0	0	12	0
3-methoxybutan-1-ol 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
3-methoxybutan-1-ol 0 mg/kg	n	12	0	0	12	0	0	12	0	0	0
3-methoxybutan-1-ol 100 mg/kg	n	11	0	0	11	0	0	11	0	0	0
3-methoxybutan-1-ol 300 mg/kg	n	12	0	0	12	0	0	12	0	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	12	0	0	12	0	0	11	1	0	0

Palpebral closure) 0: Nomal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Nomal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Nomal, 1: Half opened pupil, 2: Mydriasis
Salivation) 0: None, 1: Slight, 2: Moderate, 3: Marked
Not calculated : NC

Table 2 - 59 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

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
3-methoxybutan-1-ol 0 mg/kg	n	12	0	0	0	12	0	0	0
3-methoxybutan-1-ol 100 mg/kg	n	11	0	0	0	11	0	0	0
3-methoxybutan-1-ol 300 mg/kg	n	12	0	0	0	12	0	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	12	0	0	0	12	0	0	0

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

Table 2 - 60 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

In-the-hand observation Period : F0 lactation
Generation : F0 Sex : Female Day : 4 Species : Rat

Test article		Ease of removal from cage					Fur condition			
Dose		-1	0	1	2	3	0	1	2	3
3-methoxybutan-1-ol 0 mg/kg	n	0	12	0	0	0	12	0	0	0
3-methoxybutan-1-ol 100 mg/kg	n	0	11	0	0	0	11	0	0	0
3-methoxybutan-1-ol 300 mg/kg	n	0	11	0	0	0	11	0	0	0
3-methoxybutan-1-ol 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
3-methoxybutan-1-ol 0 mg/kg	n	12	0	0	0	12	0	12	0
3-methoxybutan-1-ol 100 mg/kg	n	11	0	0	0	11	0	11	0
3-methoxybutan-1-ol 300 mg/kg	n	11	0	0	0	11	0	11	0
3-methoxybutan-1-ol 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: Nomal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Nomal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Not calculated : NC

Table 2 - 61 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

In-the-hand observation Period : F0 lactation
Generation : F0 Sex : Female Day : 4 Species : Rat

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

Palpebral closure) 0: Nomal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Nomal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Nomal, 1: Half opened pupil, 2: Mydriasis
Salivation) 0: None, 1: Slight, 2: Moderate, 3: Marked
Not calculated : NC

Table 2 - 62 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

In-the-hand observation Period : F0 lactation
Generation : F0 Sex : Female Day : 4 Species : Rat

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

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

Table 2 - 63 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

In-the-hand observation Period : Administration
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
3-methoxybutan-1-ol 0 mg/kg	n	0	10	0	0	0	10	0	0	0
3-methoxybutan-1-ol 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
3-methoxybutan-1-ol 0 mg/kg	n	10	0	0	0	10	0	10	0
3-methoxybutan-1-ol 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
3-methoxybutan-1-ol 0 mg/kg	n	10	0	0	0	10	0	0	0	10	0
3-methoxybutan-1-ol 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: Nomal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Nomal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Nomal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Nomal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Not calculated : NC

Table 2 - 64 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

In-the-hand observation Period : Administration
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
3-methoxybutan-1-ol 0 mg/kg	n	10	0	0	10	0	0	10	0	0	0
3-methoxybutan-1-ol 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
3-methoxybutan-1-ol 0 mg/kg	n	10	0	0	0	10	0	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	10	0	0	0	9	1	0	0

Test article		Reactivity to NC handling				
Dose		-1	0	1	2	3
3-methoxybutan-1-ol 0 mg/kg	n	0	10	0	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	0	9	1	0	0

Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Nomal, 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

Table 2 - 65 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

In-the-hand observation Period : Administration
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
3-methoxybutan-1-ol 0 mg/kg	n	0	10	0	0	0	10	0	0	0
3-methoxybutan-1-ol 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
3-methoxybutan-1-ol 0 mg/kg	n	10	0	0	0	10	0	10	0
3-methoxybutan-1-ol 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
3-methoxybutan-1-ol 0 mg/kg	n	10	0	0	0	10	0	0	0	10	0
3-methoxybutan-1-ol 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: Nomal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Nomal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Nomal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Nomal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Not calculated : NC

Table 2 - 66 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

In-the-hand observation Period : Administration
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
3-methoxybutan-1-ol 0 mg/kg	n	10	0	0	10	0	0	10	0	0	0
3-methoxybutan-1-ol 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
3-methoxybutan-1-ol 0 mg/kg	n	10	0	0	0	10	0	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	10	0	0	0	10	0	0	0

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

Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Nomal, 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

Table 2 - 67 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

In-the-hand observation Period : Administration
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
3-methoxybutan-1-ol 0 mg/kg	n	0	10	0	0	0	10	0	0	0
3-methoxybutan-1-ol 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
3-methoxybutan-1-ol 0 mg/kg	n	10	0	0	0	10	0	10	0
3-methoxybutan-1-ol 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
3-methoxybutan-1-ol 0 mg/kg	n	10	0	0	0	10	0	0	0	10	0
3-methoxybutan-1-ol 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: Nomal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Nomal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Nomal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Nomal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Not calculated : NC

Table 2 - 68 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

In-the-hand observation Period : Administration
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
3-methoxybutan-1-ol 0 mg/kg	n	10	0	0	10	0	0	10	0	0	0
3-methoxybutan-1-ol 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
3-methoxybutan-1-ol 0 mg/kg	n	10	0	0	0	10	0	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	10	0	0	0	10	0	0	0

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

Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Nomal, 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

Table 2 - 69 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

In-the-hand observation Period : Administration
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
3-methoxybutan-1-ol 0 mg/kg	n	0	10	0	0	0	10	0	0	0
3-methoxybutan-1-ol 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
3-methoxybutan-1-ol 0 mg/kg	n	10	0	0	0	10	0	10	0
3-methoxybutan-1-ol 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
3-methoxybutan-1-ol 0 mg/kg	n	10	0	0	0	10	0	0	0	10	0
3-methoxybutan-1-ol 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: Nomal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Nomal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Nomal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Nomal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Not calculated : NC

Table 2 - 70 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

In-the-hand observation Period : Administration
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
3-methoxybutan-1-ol 0 mg/kg	n	10	0	0	10	0	0	10	0	0	0
3-methoxybutan-1-ol 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
3-methoxybutan-1-ol 0 mg/kg	n	10	0	0	0	10	0	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	10	0	0	0	10	0	0	0

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

Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Nomal, 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

Table 2 - 71 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

In-the-hand observation Period : Administration
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
3-methoxybutan-1-ol 0 mg/kg	n	0	10	0	0	0	10	0	0	0
3-methoxybutan-1-ol 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
3-methoxybutan-1-ol 0 mg/kg	n	10	0	0	0	10	0	10	0
3-methoxybutan-1-ol 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
3-methoxybutan-1-ol 0 mg/kg	n	10	0	0	0	10	0	0	0	10	0
3-methoxybutan-1-ol 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: Nomal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Nomal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Nomal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Nomal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Not calculated : NC

Table 2 - 72 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

In-the-hand observation Period : Administration
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
3-methoxybutan-1-ol 0 mg/kg	n	10	0	0	10	0	0	10	0	0	0
3-methoxybutan-1-ol 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
3-methoxybutan-1-ol 0 mg/kg	n	10	0	0	0	10	0	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	10	0	0	0	10	0	0	0

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

Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Nomal, 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

Table 2 - 73 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

In-the-hand observation Period : Administration
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
3-methoxybutan-1-ol 0 mg/kg	n	0	10	0	0	0	10	0	0	0
3-methoxybutan-1-ol 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
3-methoxybutan-1-ol 0 mg/kg	n	10	0	0	0	10	0	10	0
3-methoxybutan-1-ol 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
3-methoxybutan-1-ol 0 mg/kg	n	10	0	0	0	10	0	0	0	10	0
3-methoxybutan-1-ol 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: Nomal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Nomal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Nomal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Nomal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Not calculated : NC

Table 2 - 74 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

In-the-hand observation Period : Administration
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
3-methoxybutan-1-ol 0 mg/kg	n	10	0	0	10	0	0	10	0	0	0
3-methoxybutan-1-ol 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
3-methoxybutan-1-ol 0 mg/kg	n	10	0	0	0	10	0	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	10	0	0	0	10	0	0	0

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

Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Nomal, 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

Table 2 - 75 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

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
3-methoxybutan-1-ol 0 mg/kg	n	0	5	0	0	0	5	0	0	0
3-methoxybutan-1-ol 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
3-methoxybutan-1-ol 0 mg/kg	n	5	0	0	0	5	0	5	0
3-methoxybutan-1-ol 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
3-methoxybutan-1-ol 0 mg/kg	n	5	0	0	0	5	0	0	0	5	0
3-methoxybutan-1-ol 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: Nomal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Nomal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Nomal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Nomal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Not calculated : NC

Table 2 - 76 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

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
3-methoxybutan-1-ol 0 mg/kg	n	5	0	0	5	0	0	5	0	0	0
3-methoxybutan-1-ol 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
3-methoxybutan-1-ol 0 mg/kg	n	5	0	0	0	5	0	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	5	0	0	0	5	0	0	0

Test article		Reactivity to NC handling				
Dose		-1	0	1	2	3
3-methoxybutan-1-ol 0 mg/kg	n	0	5	0	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	0	5	0	0	0

Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Nomal, 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

Table 2 - 77 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

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
3-methoxybutan-1-ol 0 mg/kg	n	0	5	0	0	0	5	0	0	0
3-methoxybutan-1-ol 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
3-methoxybutan-1-ol 0 mg/kg	n	5	0	0	0	5	0	5	0
3-methoxybutan-1-ol 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
3-methoxybutan-1-ol 0 mg/kg	n	5	0	0	0	5	0	0	0	5	0
3-methoxybutan-1-ol 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: Nomal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Nomal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Nomal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Nomal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Not calculated : NC

Table 2 - 78 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

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
3-methoxybutan-1-ol 0 mg/kg	n	5	0	0	5	0	0	5	0	0	0
3-methoxybutan-1-ol 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
3-methoxybutan-1-ol 0 mg/kg	n	5	0	0	0	5	0	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	5	0	0	0	5	0	0	0

Test article		Reactivity to NC handling				
Dose		-1	0	1	2	3
3-methoxybutan-1-ol 0 mg/kg	n	0	5	0	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	0	5	0	0	0

Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Nomal, 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

Table 2 - 79 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

In-the-hand observation Period : Recovery
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
3-methoxybutan-1-ol 0 mg/kg	n	0	5	0	0	0	5	0	0	0
3-methoxybutan-1-ol 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
3-methoxybutan-1-ol 0 mg/kg	n	5	0	0	0	5	0	5	0
3-methoxybutan-1-ol 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
3-methoxybutan-1-ol 0 mg/kg	n	5	0	0	0	5	0	0	0	5	0
3-methoxybutan-1-ol 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: Nomal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Nomal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Nomal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Nomal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Not calculated : NC

Table 2 - 80 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

In-the-hand observation Period : Recovery
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
3-methoxybutan-1-ol 0 mg/kg	n	5	0	0	5	0	0	5	0	0	0
3-methoxybutan-1-ol 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
3-methoxybutan-1-ol 0 mg/kg	n	5	0	0	0	5	0	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	5	0	0	0	5	0	0	0

Test article		Reactivity to NC handling				
Dose		-1	0	1	2	3
3-methoxybutan-1-ol 0 mg/kg	n	0	5	0	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	0	5	0	0	0

Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Nomal, 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

Table 2 - 81 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

In-the-hand observation Period : Recovery
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
3-methoxybutan-1-ol 0 mg/kg	n	0	5	0	0	0	5	0	0	0
3-methoxybutan-1-ol 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
3-methoxybutan-1-ol 0 mg/kg	n	5	0	0	0	5	0	5	0
3-methoxybutan-1-ol 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
3-methoxybutan-1-ol 0 mg/kg	n	5	0	0	0	5	0	0	0	5	0
3-methoxybutan-1-ol 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: Nomal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Nomal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Nomal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Nomal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Not calculated : NC

Table 2 - 82 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

In-the-hand observation Period : Recovery
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
3-methoxybutan-1-ol 0 mg/kg	n	5	0	0	5	0	0	5	0	0	0
3-methoxybutan-1-ol 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
3-methoxybutan-1-ol 0 mg/kg	n	5	0	0	0	5	0	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	5	0	0	0	5	0	0	0

Test article		Reactivity to NC handling				
Dose		-1	0	1	2	3
3-methoxybutan-1-ol 0 mg/kg	n	0	5	0	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	0	5	0	0	0

Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Nomal, 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

Table 2 - 83 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

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
3-methoxybutan-1-ol 0 mg/kg	n	0	0	12	0	0	12	0	0	0
3-methoxybutan-1-ol 100 mg/kg	n	0	0	12	0	0	12	0	0	0
3-methoxybutan-1-ol 300 mg/kg	n	0	0	12	0	0	12	0	0	0
3-methoxybutan-1-ol 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
3-methoxybutan-1-ol 0 mg/kg	n	12	0	0	0	12	0	0	0
3-methoxybutan-1-ol 100 mg/kg	n	12	0	0	0	12	0	0	0
3-methoxybutan-1-ol 300 mg/kg	n	12	0	0	0	12	0	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	12	0	0	0	12	0	0	0

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Nomal, 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: Sevear
Not calculated : NC

Table 2 - 84 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

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
3-methoxybutan-1-ol 0 mg/kg	n	0	12	0	0	0	12	0	0
3-methoxybutan-1-ol 100 mg/kg	n	0	12	0	0	0	12	0	0
3-methoxybutan-1-ol 300 mg/kg	n	0	12	0	0	0	12	0	0
3-methoxybutan-1-ol 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
3-methoxybutan-1-ol 0 mg/kg	n	12	0	0	10	2	0	0
3-methoxybutan-1-ol 100 mg/kg	n	12	0	0	9	3	0	0
3-methoxybutan-1-ol 300 mg/kg	n	12	0	0	12	0	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	12	0	0	12	0	0	0

Gait) U: No/minimal location, 0: Nomal, 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

Table 2 - 85 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Open field observation Period : F0 before mating
Generation : F0 Sex : Male Week : 1 Species : Rat

Test article Dose		Rearing	Defecation count
3-methoxybutan-1-ol 0 mg/kg	n	12	12
	Mean	6	0
	S.D.	2	0
3-methoxybutan-1-ol 100 mg/kg	n	12	12
	Mean	5	1
	S.D.	2	1
3-methoxybutan-1-ol 300 mg/kg	n	12	12
	Mean	5	0
	S.D.	2	0
3-methoxybutan-1-ol 1000 mg/kg	n	12	12
	Mean	4	0
	S.D.	2	0
		DT **	

Significantly different from 3-methoxybutan-1-ol 0 mg/kg : ** P<0.01
DT : Dunnett test (two-side)

Table 2 - 86 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

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
3-methoxybutan-1-ol 0 mg/kg	n	0	0	12	0	0	12	0	0	0
3-methoxybutan-1-ol 100 mg/kg	n	0	0	12	0	0	12	0	0	0
3-methoxybutan-1-ol 300 mg/kg	n	0	0	12	0	0	12	0	0	0
3-methoxybutan-1-ol 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
3-methoxybutan-1-ol 0 mg/kg	n	12	0	0	0	12	0	0	0
3-methoxybutan-1-ol 100 mg/kg	n	12	0	0	0	12	0	0	0
3-methoxybutan-1-ol 300 mg/kg	n	12	0	0	0	12	0	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	12	0	0	0	12	0	0	0

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Nomal, 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: Sevear
Not calculated : NC

Table 2 - 87 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Open field observation Period : F0 before mating
Generation : F0 Sex : Male Week : 2 Species : Rat

Test article		Gait NC					Posture NC		
Dose		U	0	1	2	3	N	F	H
3-methoxybutan-1-ol 0 mg/kg	n	0	12	0	0	0	12	0	0
3-methoxybutan-1-ol 100 mg/kg	n	0	12	0	0	0	12	0	0
3-methoxybutan-1-ol 300 mg/kg	n	0	12	0	0	0	12	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	0	12	0	0	0	12	0	0

Test article		Grooming NC			Urination NC			
Dose		0	1	2	0	1	2	3
3-methoxybutan-1-ol 0 mg/kg	n	12	0	0	9	3	0	0
3-methoxybutan-1-ol 100 mg/kg	n	12	0	0	12	0	0	0
3-methoxybutan-1-ol 300 mg/kg	n	12	0	0	12	0	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	12	0	0	11	1	0	0

Gait) U: No/minimal location, 0: Nomal, 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

Table 2 - 88 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Open field observation Period : F0 before mating
Generation : F0 Sex : Male Week : 2 Species : Rat

Test article Dose		Rearing	Defecation count
3-methoxybutan-1-ol 0 mg/kg	n	12	12
	Mean	6	0
	S.D.	2	0
3-methoxybutan-1-ol 100 mg/kg	n	12	12
	Mean	4	0
	S.D.	1	0
		DT *	
3-methoxybutan-1-ol 300 mg/kg	n	12	12
	Mean	4	0
	S.D.	2	1
3-methoxybutan-1-ol 1000 mg/kg	n	12	12
	Mean	4	0
	S.D.	2	0
		DT *	

Significantly different from 3-methoxybutan-1-ol 0 mg/kg : * P<0.05
DT : Dunnett test (two-side)

Table 2 - 89 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

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
3-methoxybutan-1-ol 0 mg/kg	n	0	0	12	0	0	12	0	0	0
3-methoxybutan-1-ol 100 mg/kg	n	0	0	12	0	0	12	0	0	0
3-methoxybutan-1-ol 300 mg/kg	n	0	0	12	0	0	12	0	0	0
3-methoxybutan-1-ol 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
3-methoxybutan-1-ol 0 mg/kg	n	12	0	0	0	12	0	0	0
3-methoxybutan-1-ol 100 mg/kg	n	12	0	0	0	12	0	0	0
3-methoxybutan-1-ol 300 mg/kg	n	12	0	0	0	12	0	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	12	0	0	0	12	0	0	0

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Nomal, 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: Sevear
Not calculated : NC

Table 2 - 90 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Open field observation Period : F0 mating
Generation : F0 Sex : Male Week : 3 Species : Rat

Test article		Gait NC					Posture NC		
Dose		U	0	1	2	3	N	F	H
3-methoxybutan-1-ol 0 mg/kg	n	0	12	0	0	0	12	0	0
3-methoxybutan-1-ol 100 mg/kg	n	0	12	0	0	0	12	0	0
3-methoxybutan-1-ol 300 mg/kg	n	0	12	0	0	0	12	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	0	12	0	0	0	12	0	0

Test article		Grooming NC			Urination NC			
Dose		0	1	2	0	1	2	3
3-methoxybutan-1-ol 0 mg/kg	n	12	0	0	10	2	0	0
3-methoxybutan-1-ol 100 mg/kg	n	12	0	0	11	1	0	0
3-methoxybutan-1-ol 300 mg/kg	n	12	0	0	12	0	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	12	0	0	12	0	0	0

Gait) U: No/minimal location, 0: Nomal, 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

Table 2 - 91 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Open field observation Period : F0 mating
Generation : F0 Sex : Male Week : 3 Species : Rat

Test article Dose		Rearing	Defecation count
3-methoxybutan-1-ol 0 mg/kg	n	12	12
	Mean	6	0
	S.D.	2	0
3-methoxybutan-1-ol 100 mg/kg	n	12	12
	Mean	5	0
	S.D.	1	0
3-methoxybutan-1-ol 300 mg/kg	n	12	12
	Mean	4	0
	S.D.	3	1
		DT *	
3-methoxybutan-1-ol 1000 mg/kg	n	12	12
	Mean	5	0
	S.D.	3	1

Significantly different from 3-methoxybutan-1-ol 0 mg/kg : * P<0.05
DT : Dunnett test (two-side)

Table 2 - 92 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

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
3-methoxybutan-1-ol 0 mg/kg	n	0	0	12	0	0	12	0	0	0
3-methoxybutan-1-ol 100 mg/kg	n	0	0	12	0	0	12	0	0	0
3-methoxybutan-1-ol 300 mg/kg	n	0	0	12	0	0	12	0	0	0
3-methoxybutan-1-ol 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
3-methoxybutan-1-ol 0 mg/kg	n	12	0	0	0	12	0	0	0
3-methoxybutan-1-ol 100 mg/kg	n	12	0	0	0	12	0	0	0
3-methoxybutan-1-ol 300 mg/kg	n	12	0	0	0	12	0	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	12	0	0	0	12	0	0	0

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Nomal, 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: Sevear
Not calculated : NC

Table 2 - 93 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Open field observation Period : F0 mating
Generation : F0 Sex : Male Week : 4 Species : Rat

Test article Dose		Gait NC U	0	1	2	3	Posture NC N	F	H
3-methoxybutan-1-ol 0 mg/kg	n	0	12	0	0	0	12	0	0
3-methoxybutan-1-ol 100 mg/kg	n	0	12	0	0	0	12	0	0
3-methoxybutan-1-ol 300 mg/kg	n	0	12	0	0	0	12	0	0
3-methoxybutan-1-ol 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
3-methoxybutan-1-ol 0 mg/kg	n	12	0	0	8	4	0	0
3-methoxybutan-1-ol 100 mg/kg	n	12	0	0	10	2	0	0
3-methoxybutan-1-ol 300 mg/kg	n	12	0	0	11	1	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	12	0	0	10	2	0	0

Gait) U: No/minimal location, 0: Nomal, 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

Table 2 - 94 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Open field observation Period : F0 mating
Generation : F0 Sex : Male Week : 4 Species : Rat

Test article Dose		Rearing	Defecation count
3-methoxybutan-1-ol 0 mg/kg	n	12	12
	Mean	6	0
	S.D.	2	0
3-methoxybutan-1-ol 100 mg/kg	n	12	12
	Mean	6	0
	S.D.	2	0
3-methoxybutan-1-ol 300 mg/kg	n	12	12
	Mean	4	0
	S.D.	2	0
3-methoxybutan-1-ol 1000 mg/kg	n	12	12
	Mean	4	0
	S.D.	2	0

Not significantly different from 3-methoxybutan-1-ol 0 mg/kg

Table 2 - 95 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

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
3-methoxybutan-1-ol 0 mg/kg	n	0	0	12	0	0	12	0	0	0
3-methoxybutan-1-ol 100 mg/kg	n	0	0	12	0	0	12	0	0	0
3-methoxybutan-1-ol 300 mg/kg	n	0	0	12	0	0	12	0	0	0
3-methoxybutan-1-ol 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
3-methoxybutan-1-ol 0 mg/kg	n	12	0	0	0	12	0	0	0
3-methoxybutan-1-ol 100 mg/kg	n	12	0	0	0	12	0	0	0
3-methoxybutan-1-ol 300 mg/kg	n	12	0	0	0	12	0	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	12	0	0	0	12	0	0	0

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Nomal, 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: Sevear
Not calculated : NC

Table 2 - 96 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Open field observation Period : F0 mating
Generation : F0 Sex : Male Week : 5 Species : Rat

Test article		Gait NC					Posture NC		
Dose		U	0	1	2	3	N	F	H
3-methoxybutan-1-ol 0 mg/kg	n	0	12	0	0	0	12	0	0
3-methoxybutan-1-ol 100 mg/kg	n	0	12	0	0	0	12	0	0
3-methoxybutan-1-ol 300 mg/kg	n	0	12	0	0	0	12	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	0	12	0	0	0	12	0	0

Test article		Grooming NC			Urination NC			
Dose		0	1	2	0	1	2	3
3-methoxybutan-1-ol 0 mg/kg	n	12	0	0	7	5	0	0
3-methoxybutan-1-ol 100 mg/kg	n	12	0	0	8	4	0	0
3-methoxybutan-1-ol 300 mg/kg	n	12	0	0	12	0	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	12	0	0	11	1	0	0

Gait) U: No/minimal location, 0: Nomal, 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

Table 2 - 97 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Open field observation Period : F0 mating
Generation : F0 Sex : Male Week : 5 Species : Rat

Test article Dose		Rearing	Defecation count
3-methoxybutan-1-ol 0 mg/kg	n	12	12
	Mean	6	0
	S.D.	2	0
3-methoxybutan-1-ol 100 mg/kg	n	12	12
	Mean	6	0
	S.D.	1	0
3-methoxybutan-1-ol 300 mg/kg	n	12	12
	Mean	5	0
	S.D.	1	0
3-methoxybutan-1-ol 1000 mg/kg	n	12	12
	Mean	4	0
	S.D.	3	0

Not significantly different from 3-methoxybutan-1-ol 0 mg/kg

Table 2 - 98 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

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
3-methoxybutan-1-ol 0 mg/kg	n	0	0	12	0	0	12	0	0	0
3-methoxybutan-1-ol 100 mg/kg	n	0	0	12	0	0	12	0	0	0
3-methoxybutan-1-ol 300 mg/kg	n	0	0	12	0	0	12	0	0	0
3-methoxybutan-1-ol 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
3-methoxybutan-1-ol 0 mg/kg	n	12	0	0	0	12	0	0	0
3-methoxybutan-1-ol 100 mg/kg	n	12	0	0	0	12	0	0	0
3-methoxybutan-1-ol 300 mg/kg	n	12	0	0	0	12	0	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	12	0	0	0	12	0	0	0

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Nomal, 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: Sevear
Not calculated : NC

Table 2 - 99 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Open field observation Period : F0 mating
Generation : F0 Sex : Male Week : 6 Species : Rat

Test article Dose		Gait NC U	0	1	2	3	Posture NC N	F	H
3-methoxybutan-1-ol 0 mg/kg	n	0	12	0	0	0	12	0	0
3-methoxybutan-1-ol 100 mg/kg	n	0	12	0	0	0	12	0	0
3-methoxybutan-1-ol 300 mg/kg	n	0	12	0	0	0	12	0	0
3-methoxybutan-1-ol 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
3-methoxybutan-1-ol 0 mg/kg	n	12	0	0	6	6	0	0
3-methoxybutan-1-ol 100 mg/kg	n	12	0	0	10	2	0	0
3-methoxybutan-1-ol 300 mg/kg	n	12	0	0	10	2	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	12	0	0	12	0	0	0

Gait) U: No/minimal location, 0: Nomal, 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

Table 2 - 100 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Open field observation Period : F0 mating
Generation : F0 Sex : Male Week : 6 Species : Rat

Test article Dose		Rearing	Defecation count
3-methoxybutan-1-ol 0 mg/kg	n	12	12
	Mean	6	0
	S.D.	2	0
3-methoxybutan-1-ol 100 mg/kg	n	12	12
	Mean	5	0
	S.D.	2	0
3-methoxybutan-1-ol 300 mg/kg	n	12	12
	Mean	4	0
	S.D.	1	0
3-methoxybutan-1-ol 1000 mg/kg	n	12	12
	Mean	4	0
	S.D.	2	0
		DT *	

Significantly different from 3-methoxybutan-1-ol 0 mg/kg : * P<0.05
DT : Dunnett test (two-side)

Table 2 - 101 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

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
3-methoxybutan-1-ol 0 mg/kg	n	0	0	12	0	0	12	0	0	0
3-methoxybutan-1-ol 100 mg/kg	n	0	0	12	0	0	12	0	0	0
3-methoxybutan-1-ol 300 mg/kg	n	0	0	12	0	0	12	0	0	0
3-methoxybutan-1-ol 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
3-methoxybutan-1-ol 0 mg/kg	n	12	0	0	0	12	0	0	0
3-methoxybutan-1-ol 100 mg/kg	n	12	0	0	0	12	0	0	0
3-methoxybutan-1-ol 300 mg/kg	n	12	0	0	0	12	0	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	12	0	0	0	12	0	0	0

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Nomal, 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: Sevear
Not calculated : NC

Table 2 - 102 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Open field observation Period : F0 before mating
Generation : F0 Sex : Female Week : 1 Species : Rat

Test article Dose		Gait NC U	0	1	2	3	Posture NC N	F	H
3-methoxybutan-1-ol 0 mg/kg	n	0	12	0	0	0	12	0	0
3-methoxybutan-1-ol 100 mg/kg	n	0	12	0	0	0	12	0	0
3-methoxybutan-1-ol 300 mg/kg	n	0	12	0	0	0	12	0	0
3-methoxybutan-1-ol 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
3-methoxybutan-1-ol 0 mg/kg	n	12	0	0	12	0	0	0
3-methoxybutan-1-ol 100 mg/kg	n	12	0	0	12	0	0	0
3-methoxybutan-1-ol 300 mg/kg	n	12	0	0	12	0	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	12	0	0	12	0	0	0

Gait) U: No/minimal location, 0: Nomal, 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

Table 2 - 103 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Open field observation Period : F0 before mating
Generation : F0 Sex : Female Week : 1 Species : Rat

Test article Dose		Rearing	Defecation count
3-methoxybutan-1-ol 0 mg/kg	n	12	12
	Mean	6	0
	S.D.	2	0
3-methoxybutan-1-ol 100 mg/kg	n	12	12
	Mean	7	0
	S.D.	2	0
3-methoxybutan-1-ol 300 mg/kg	n	12	12
	Mean	7	0
	S.D.	1	0
3-methoxybutan-1-ol 1000 mg/kg	n	12	12
	Mean	7	0
	S.D.	2	0

Not significantly different from 3-methoxybutan-1-ol 0 mg/kg

Table 2 - 104 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

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
3-methoxybutan-1-ol 0 mg/kg	n	0	0	12	0	0	12	0	0	0
3-methoxybutan-1-ol 100 mg/kg	n	0	0	12	0	0	12	0	0	0
3-methoxybutan-1-ol 300 mg/kg	n	0	0	12	0	0	12	0	0	0
3-methoxybutan-1-ol 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
3-methoxybutan-1-ol 0 mg/kg	n	12	0	0	0	12	0	0	0
3-methoxybutan-1-ol 100 mg/kg	n	12	0	0	0	12	0	0	0
3-methoxybutan-1-ol 300 mg/kg	n	12	0	0	0	12	0	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	12	0	0	0	12	0	0	0

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Nomal, 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: Sevear
Not calculated : NC

Table 2 - 105 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Open field observation Period : F0 before mating
Generation : F0 Sex : Female Week : 2 Species : Rat

Test article Dose		Gait NC U	0	1	2	3	Posture NC N	F	H
3-methoxybutan-1-ol 0 mg/kg	n	0	12	0	0	0	12	0	0
3-methoxybutan-1-ol 100 mg/kg	n	0	12	0	0	0	12	0	0
3-methoxybutan-1-ol 300 mg/kg	n	0	12	0	0	0	12	0	0
3-methoxybutan-1-ol 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
3-methoxybutan-1-ol 0 mg/kg	n	12	0	0	12	0	0	0
3-methoxybutan-1-ol 100 mg/kg	n	12	0	0	12	0	0	0
3-methoxybutan-1-ol 300 mg/kg	n	12	0	0	12	0	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	12	0	0	12	0	0	0

Gait) U: No/minimal location, 0: Nomal, 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

Table 2 - 106 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Open field observation Period : F0 before mating
Generation : F0 Sex : Female Week : 2 Species : Rat

Test article Dose		Rearing	Defecation count
3-methoxybutan-1-ol 0 mg/kg	n	12	12
	Mean	8	0
	S.D.	3	0
3-methoxybutan-1-ol 100 mg/kg	n	12	12
	Mean	8	0
	S.D.	2	0
3-methoxybutan-1-ol 300 mg/kg	n	12	12
	Mean	8	0
	S.D.	2	0
3-methoxybutan-1-ol 1000 mg/kg	n	12	12
	Mean	7	0
	S.D.	3	0

Not significantly different from 3-methoxybutan-1-ol 0 mg/kg

Table 2 - 107 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

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
3-methoxybutan-1-ol 0 mg/kg	n	0	0	12	0	0	12	0	0	0
3-methoxybutan-1-ol 100 mg/kg	n	0	0	11	0	0	11	0	0	0
3-methoxybutan-1-ol 300 mg/kg	n	0	0	12	0	0	12	0	0	0
3-methoxybutan-1-ol 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
3-methoxybutan-1-ol 0 mg/kg	n	12	0	0	0	12	0	0	0
3-methoxybutan-1-ol 100 mg/kg	n	11	0	0	0	11	0	0	0
3-methoxybutan-1-ol 300 mg/kg	n	12	0	0	0	12	0	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	12	0	0	0	12	0	0	0

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Nomal, 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: Sevear
Not calculated : NC

Table 2 - 108 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Open field observation Period : F0 gestation
Generation : F0 Sex : Female Day : 1 Species : Rat

Test article		Gait NC					Posture NC		
Dose		U	0	1	2	3	N	F	H
3-methoxybutan-1-ol 0 mg/kg	n	0	12	0	0	0	12	0	0
3-methoxybutan-1-ol 100 mg/kg	n	0	11	0	0	0	11	0	0
3-methoxybutan-1-ol 300 mg/kg	n	0	12	0	0	0	12	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	0	12	0	0	0	12	0	0

Test article		Grooming NC			Urination NC			
Dose		0	1	2	0	1	2	3
3-methoxybutan-1-ol 0 mg/kg	n	12	0	0	12	0	0	0
3-methoxybutan-1-ol 100 mg/kg	n	11	0	0	9	2	0	0
3-methoxybutan-1-ol 300 mg/kg	n	12	0	0	11	1	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	12	0	0	12	0	0	0

Gait) U: No/minimal location, 0: Nomal, 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

Table 2 - 109 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Open field observation Period : F0 gestation
Generation : F0 Sex : Female Day : 1 Species : Rat

Test article Dose		Rearing	Defecation count
3-methoxybutan-1-ol 0 mg/kg	n	12	12
	Mean	7	0
	S.D.	2	0
3-methoxybutan-1-ol 100 mg/kg	n	11	11
	Mean	7	0
	S.D.	2	0
3-methoxybutan-1-ol 300 mg/kg	n	12	12
	Mean	7	0
	S.D.	2	0
3-methoxybutan-1-ol 1000 mg/kg	n	12	12
	Mean	6	0
	S.D.	2	0

Not significantly different from 3-methoxybutan-1-ol 0 mg/kg

Table 2 - 110 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

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
3-methoxybutan-1-ol 0 mg/kg	n	0	0	12	0	0	12	0	0	0
3-methoxybutan-1-ol 100 mg/kg	n	0	0	11	0	0	11	0	0	0
3-methoxybutan-1-ol 300 mg/kg	n	0	0	12	0	0	12	0	0	0
3-methoxybutan-1-ol 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
3-methoxybutan-1-ol 0 mg/kg	n	12	0	0	0	12	0	0	0
3-methoxybutan-1-ol 100 mg/kg	n	11	0	0	0	11	0	0	0
3-methoxybutan-1-ol 300 mg/kg	n	12	0	0	0	12	0	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	12	0	0	0	12	0	0	0

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Nomal, 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: Sevear
Not calculated : NC

Table 2 - 111 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

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
3-methoxybutan-1-ol 0 mg/kg	n	0	12	0	0	0	12	0	0
3-methoxybutan-1-ol 100 mg/kg	n	0	11	0	0	0	11	0	0
3-methoxybutan-1-ol 300 mg/kg	n	0	12	0	0	0	12	0	0
3-methoxybutan-1-ol 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
3-methoxybutan-1-ol 0 mg/kg	n	12	0	0	12	0	0	0
3-methoxybutan-1-ol 100 mg/kg	n	11	0	0	11	0	0	0
3-methoxybutan-1-ol 300 mg/kg	n	12	0	0	12	0	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	12	0	0	12	0	0	0

Gait) U: No/minimal location, 0: Nomal, 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

Table 2 - 112 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Open field observation Period : F0 gestation
Generation : F0 Sex : Female Day : 7 Species : Rat

Test article Dose		Rearing	Defecation count
3-methoxybutan-1-ol 0 mg/kg	n	12	12
	Mean	6	0
	S.D.	2	0
3-methoxybutan-1-ol 100 mg/kg	n	11	11
	Mean	6	0
	S.D.	2	0
3-methoxybutan-1-ol 300 mg/kg	n	12	12
	Mean	5	0
	S.D.	1	0
3-methoxybutan-1-ol 1000 mg/kg	n	12	12
	Mean	6	0
	S.D.	2	0

Not significantly different from 3-methoxybutan-1-ol 0 mg/kg

Table 2 - 113 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

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
3-methoxybutan-1-ol 0 mg/kg	n	0	0	12	0	0	12	0	0	0
3-methoxybutan-1-ol 100 mg/kg	n	0	0	11	0	0	11	0	0	0
3-methoxybutan-1-ol 300 mg/kg	n	0	0	12	0	0	12	0	0	0
3-methoxybutan-1-ol 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
3-methoxybutan-1-ol 0 mg/kg	n	12	0	0	0	12	0	0	0
3-methoxybutan-1-ol 100 mg/kg	n	11	0	0	0	11	0	0	0
3-methoxybutan-1-ol 300 mg/kg	n	12	0	0	0	12	0	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	12	0	0	0	12	0	0	0

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Nomal, 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: Sevear
Not calculated : NC

Table 2 - 114 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Open field observation Period : F0 gestation
Generation : F0 Sex : Female Day : 14 Species : Rat

Test article Dose		Gait NC U	0	1	2	3	Posture NC N	F	H
3-methoxybutan-1-ol 0 mg/kg	n	0	12	0	0	0	12	0	0
3-methoxybutan-1-ol 100 mg/kg	n	0	11	0	0	0	11	0	0
3-methoxybutan-1-ol 300 mg/kg	n	0	12	0	0	0	12	0	0
3-methoxybutan-1-ol 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
3-methoxybutan-1-ol 0 mg/kg	n	12	0	0	12	0	0	0
3-methoxybutan-1-ol 100 mg/kg	n	11	0	0	11	0	0	0
3-methoxybutan-1-ol 300 mg/kg	n	12	0	0	11	1	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	12	0	0	12	0	0	0

Gait) U: No/minimal location, 0: Nomal, 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

Table 2 - 115 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Open field observation Period : F0 gestation
Generation : F0 Sex : Female Day : 14 Species : Rat

Test article Dose		Rearing	Defecation count
3-methoxybutan-1-ol 0 mg/kg	n	12	12
	Mean	6	0
	S.D.	2	0
3-methoxybutan-1-ol 100 mg/kg	n	11	11
	Mean	6	0
	S.D.	3	0
3-methoxybutan-1-ol 300 mg/kg	n	12	12
	Mean	5	0
	S.D.	1	0
3-methoxybutan-1-ol 1000 mg/kg	n	12	12
	Mean	5	0
	S.D.	2	0

Not significantly different from 3-methoxybutan-1-ol 0 mg/kg

Table 2 - 116 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

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
3-methoxybutan-1-ol 0 mg/kg	n	0	0	12	0	0	12	0	0	0
3-methoxybutan-1-ol 100 mg/kg	n	0	0	11	0	0	11	0	0	0
3-methoxybutan-1-ol 300 mg/kg	n	0	0	12	0	0	12	0	0	0
3-methoxybutan-1-ol 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
3-methoxybutan-1-ol 0 mg/kg	n	12	0	0	0	12	0	0	0
3-methoxybutan-1-ol 100 mg/kg	n	11	0	0	0	11	0	0	0
3-methoxybutan-1-ol 300 mg/kg	n	12	0	0	0	12	0	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	12	0	0	0	12	0	0	0

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Nomal, 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: Sevear
Not calculated : NC

Table 2 - 117 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Open field observation Period : F0 gestation
Generation : F0 Sex : Female Day : 20 Species : Rat

Test article Dose		Gait NC U	0	1	2	3	Posture NC N	F	H
3-methoxybutan-1-ol 0 mg/kg	n	0	12	0	0	0	12	0	0
3-methoxybutan-1-ol 100 mg/kg	n	0	11	0	0	0	11	0	0
3-methoxybutan-1-ol 300 mg/kg	n	0	12	0	0	0	12	0	0
3-methoxybutan-1-ol 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
3-methoxybutan-1-ol 0 mg/kg	n	12	0	0	12	0	0	0
3-methoxybutan-1-ol 100 mg/kg	n	11	0	0	9	2	0	0
3-methoxybutan-1-ol 300 mg/kg	n	12	0	0	10	2	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	12	0	0	12	0	0	0

Gait) U: No/minimal location, 0: Nomal, 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

Table 2 - 118 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Open field observation Period : F0 gestation
Generation : F0 Sex : Female Day : 20 Species : Rat

Test article Dose		Rearing	Defecation count
3-methoxybutan-1-ol 0 mg/kg	n	12	12
	Mean	5	0
	S.D.	2	0
3-methoxybutan-1-ol 100 mg/kg	n	11	11
	Mean	4	0
	S.D.	2	0
3-methoxybutan-1-ol 300 mg/kg	n	12	12
	Mean	4	0
	S.D.	1	0
3-methoxybutan-1-ol 1000 mg/kg	n	12	12
	Mean	4	0
	S.D.	1	0

Not significantly different from 3-methoxybutan-1-ol 0 mg/kg

Table 2 - 119 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Open field observation Period : F0 lactation
Generation : F0 Sex : Female Day : 4 Species : Rat

Test article		Arousal NC					Convulsion NC			
Dose		-2	-1	0	1	2	0	1	2	3
3-methoxybutan-1-ol 0 mg/kg	n	0	0	12	0	0	12	0	0	0
3-methoxybutan-1-ol 100 mg/kg	n	0	0	11	0	0	11	0	0	0
3-methoxybutan-1-ol 300 mg/kg	n	0	0	11	0	0	11	0	0	0
3-methoxybutan-1-ol 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
3-methoxybutan-1-ol 0 mg/kg	n	12	0	0	0	12	0	0	0
3-methoxybutan-1-ol 100 mg/kg	n	11	0	0	0	11	0	0	0
3-methoxybutan-1-ol 300 mg/kg	n	11	0	0	0	11	0	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	12	0	0	0	12	0	0	0

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Nomal, 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: Sevear
Not calculated : NC

Table 2 - 120 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Open field observation Period : F0 lactation
Generation : F0 Sex : Female Day : 4 Species : Rat

Test article Dose		Gait NC U	0	1	2	3	Posture NC N	F	H
3-methoxybutan-1-ol 0 mg/kg	n	0	12	0	0	0	12	0	0
3-methoxybutan-1-ol 100 mg/kg	n	0	11	0	0	0	11	0	0
3-methoxybutan-1-ol 300 mg/kg	n	0	11	0	0	0	11	0	0
3-methoxybutan-1-ol 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
3-methoxybutan-1-ol 0 mg/kg	n	12	0	0	12	0	0	0
3-methoxybutan-1-ol 100 mg/kg	n	11	0	0	11	0	0	0
3-methoxybutan-1-ol 300 mg/kg	n	11	0	0	9	2	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	12	0	0	12	0	0	0

Gait) U: No/minimal location, 0: Nomal, 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

Table 2 - 121 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Open field observation Period : F0 lactation
Generation : F0 Sex : Female Day : 4 Species : Rat

Test article Dose		Rearing	Defecation count
3-methoxybutan-1-ol 0 mg/kg	n	12	12
	Mean	6	0
	S.D.	3	0
3-methoxybutan-1-ol 100 mg/kg	n	11	11
	Mean	7	0
	S.D.	2	0
3-methoxybutan-1-ol 300 mg/kg	n	11	11
	Mean	5	0
	S.D.	2	0
3-methoxybutan-1-ol 1000 mg/kg	n	12	12
	Mean	6	0
	S.D.	2	0

Not significantly different from 3-methoxybutan-1-ol 0 mg/kg

Table 2 - 122 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Open field observation Period : Administration
Generation : F0 Sex : Female Week : 1 Species : Rat

Test article		Arousal NC					Convulsion NC			
Dose		-2	-1	0	1	2	0	1	2	3
3-methoxybutan-1-ol 0 mg/kg	n	0	0	10	0	0	10	0	0	0
3-methoxybutan-1-ol 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
3-methoxybutan-1-ol 0 mg/kg	n	10	0	0	0	10	0	0	0
3-methoxybutan-1-ol 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
3-methoxybutan-1-ol 0 mg/kg	n	0	10	0	0	0	10	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	0	10	0	0	0	10	0	0

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Nomal, 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: Sevear
Gait) U: No/minimal location, 0: Nomal, 1: Slight, 2: Moderate, 3: Markedly
Posture) N: Normal, F: Flattened, H: Hunched
Not calculated : NC

Table 2 - 123 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Open field observation Period : Administration
Generation : F0 Sex : Female Week : 1 Species : Rat

Test article		Grooming NC			Urination NC			
Dose		0	1	2	0	1	2	3
3-methoxybutan-1-ol 0 mg/kg	n	10	0	0	10	0	0	0
3-methoxybutan-1-ol 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

Table 2 - 124 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Open field observation Period : Administration
Generation : F0 Sex : Female Week : 1 Species : Rat

Test article Dose		Rearing	Defecation count
3-methoxybutan-1-ol	n	10	10
0 mg/kg	Mean	7	0
	S.D.	2	0
3-methoxybutan-1-ol	n	10	10
1000 mg/kg	Mean	8	0
	S.D.	1	0

Not significantly different from 3-methoxybutan-1-ol 0 mg/kg

Table 2 - 125 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Open field observation Period : Administration
Generation : F0 Sex : Female Week : 2 Species : Rat

Test article		Arousal NC					Convulsion NC			
Dose		-2	-1	0	1	2	0	1	2	3
3-methoxybutan-1-ol 0 mg/kg	n	0	0	10	0	0	10	0	0	0
3-methoxybutan-1-ol 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
3-methoxybutan-1-ol 0 mg/kg	n	10	0	0	0	10	0	0	0
3-methoxybutan-1-ol 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
3-methoxybutan-1-ol 0 mg/kg	n	0	10	0	0	0	10	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	0	10	0	0	0	10	0	0

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Nomal, 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: Sevear
Gait) U: No/minimal location, 0: Nomal, 1: Slight, 2: Moderate, 3: Markedly
Posture) N: Normal, F: Flattened, H: Hunched
Not calculated : NC

Table 2 - 126 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Open field observation Period : Administration
Generation : F0 Sex : Female Week : 2 Species : Rat

Test article		Grooming NC			Urination NC			
Dose		0	1	2	0	1	2	3
3-methoxybutan-1-ol 0 mg/kg	n	10	0	0	10	0	0	0
3-methoxybutan-1-ol 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

Table 2 - 127 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Open field observation Period : Administration
Generation : F0 Sex : Female Week : 2 Species : Rat

Test article Dose		Rearing	Defecation count
3-methoxybutan-1-ol 0 mg/kg	n	10	10
	Mean	7	0
	S.D.	2	0
3-methoxybutan-1-ol 1000 mg/kg	n	10	10
	Mean	8	0
	S.D.	3	0

Not significantly different from 3-methoxybutan-1-ol 0 mg/kg

Table 2 - 128 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Open field observation Period : Administration
Generation : F0 Sex : Female Week : 3 Species : Rat

Test article		Arousal NC					Convulsion NC			
Dose		-2	-1	0	1	2	0	1	2	3
3-methoxybutan-1-ol 0 mg/kg	n	0	0	10	0	0	10	0	0	0
3-methoxybutan-1-ol 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
3-methoxybutan-1-ol 0 mg/kg	n	10	0	0	0	10	0	0	0
3-methoxybutan-1-ol 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
3-methoxybutan-1-ol 0 mg/kg	n	0	10	0	0	0	10	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	0	10	0	0	0	10	0	0

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Nomal, 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: Sevear
Gait) U: No/minimal location, 0: Nomal, 1: Slight, 2: Moderate, 3: Markedly
Posture) N: Normal, F: Flattened, H: Hunched
Not calculated : NC

Table 2 - 129 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Open field observation Period : Administration
Generation : F0 Sex : Female Week : 3 Species : Rat

Test article		Grooming NC			Urination NC			
Dose		0	1	2	0	1	2	3
3-methoxybutan-1-ol 0 mg/kg	n	10	0	0	10	0	0	0
3-methoxybutan-1-ol 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

Table 2 - 130 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Open field observation Period : Administration
Generation : F0 Sex : Female Week : 3 Species : Rat

Test article Dose		Rearing	Defecation count
3-methoxybutan-1-ol 0 mg/kg	n	10	10
	Mean	9	0
	S.D.	3	0
3-methoxybutan-1-ol 1000 mg/kg	n	10	10
	Mean	9	0
	S.D.	2	0

Not significantly different from 3-methoxybutan-1-ol 0 mg/kg

Table 2 - 131 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Open field observation Period : Administration
Generation : F0 Sex : Female Week : 4 Species : Rat

Test article		Arousal NC					Convulsion NC			
Dose		-2	-1	0	1	2	0	1	2	3
3-methoxybutan-1-ol 0 mg/kg	n	0	0	10	0	0	10	0	0	0
3-methoxybutan-1-ol 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
3-methoxybutan-1-ol 0 mg/kg	n	10	0	0	0	10	0	0	0
3-methoxybutan-1-ol 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
3-methoxybutan-1-ol 0 mg/kg	n	0	10	0	0	0	10	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	0	10	0	0	0	10	0	0

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Nomal, 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: Sevear
Gait) U: No/minimal location, 0: Nomal, 1: Slight, 2: Moderate, 3: Markedly
Posture) N: Normal, F: Flattened, H: Hunched
Not calculated : NC

Table 2 - 132 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Open field observation Period : Administration
Generation : F0 Sex : Female Week : 4 Species : Rat

Test article		Grooming NC			Urination NC			
Dose		0	1	2	0	1	2	3
3-methoxybutan-1-ol 0 mg/kg	n	10	0	0	10	0	0	0
3-methoxybutan-1-ol 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

Table 2 - 133 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Open field observation Period : Administration
Generation : F0 Sex : Female Week : 4 Species : Rat

Test article Dose		Rearing	Defecation count
3-methoxybutan-1-ol 0 mg/kg	n	10	10
	Mean	8	0
	S.D.	2	0
3-methoxybutan-1-ol 1000 mg/kg	n	10	10
	Mean	8	0
	S.D.	3	0

Not significantly different from 3-methoxybutan-1-ol 0 mg/kg

Table 2 - 134 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Open field observation Period : Administration
Generation : F0 Sex : Female Week : 5 Species : Rat

Test article		Arousal NC					Convulsion NC			
Dose		-2	-1	0	1	2	0	1	2	3
3-methoxybutan-1-ol 0 mg/kg	n	0	0	10	0	0	10	0	0	0
3-methoxybutan-1-ol 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
3-methoxybutan-1-ol 0 mg/kg	n	10	0	0	0	10	0	0	0
3-methoxybutan-1-ol 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
3-methoxybutan-1-ol 0 mg/kg	n	0	10	0	0	0	10	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	0	10	0	0	0	10	0	0

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Nomal, 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: Sevear
Gait) U: No/minimal location, 0: Nomal, 1: Slight, 2: Moderate, 3: Markedly
Posture) N: Normal, F: Flattened, H: Hunched
Not calculated : NC

Table 2 - 135 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Open field observation Period : Administration
Generation : F0 Sex : Female Week : 5 Species : Rat

Test article		Grooming NC			Urination NC			
Dose		0	1	2	0	1	2	3
3-methoxybutan-1-ol 0 mg/kg	n	10	0	0	10	0	0	0
3-methoxybutan-1-ol 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

Table 2 - 136 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Open field observation Period : Administration
Generation : F0 Sex : Female Week : 5 Species : Rat

Test article Dose		Rearing	Defecation count
3-methoxybutan-1-ol 0 mg/kg	n	10	10
	Mean	9	0
	S.D.	3	0
3-methoxybutan-1-ol 1000 mg/kg	n	10	10
	Mean	8	0
	S.D.	2	0

Not significantly different from 3-methoxybutan-1-ol 0 mg/kg

Table 2 - 137 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Open field observation Period : Administration
Generation : F0 Sex : Female Week : 6 Species : Rat

Test article		Arousal NC					Convulsion NC			
Dose		-2	-1	0	1	2	0	1	2	3
3-methoxybutan-1-ol 0 mg/kg	n	0	0	10	0	0	10	0	0	0
3-methoxybutan-1-ol 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
3-methoxybutan-1-ol 0 mg/kg	n	10	0	0	0	10	0	0	0
3-methoxybutan-1-ol 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
3-methoxybutan-1-ol 0 mg/kg	n	0	10	0	0	0	10	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	0	10	0	0	0	10	0	0

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Nomal, 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: Sevear
Gait) U: No/minimal location, 0: Nomal, 1: Slight, 2: Moderate, 3: Markedly
Posture) N: Normal, F: Flattened, H: Hunched
Not calculated : NC

Table 2 - 138 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Open field observation Period : Administration
Generation : F0 Sex : Female Week : 6 Species : Rat

Test article		Grooming NC			Urination NC			
Dose		0	1	2	0	1	2	3
3-methoxybutan-1-ol 0 mg/kg	n	10	0	0	10	0	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	10	0	0	9	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

Table 2 - 139 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Open field observation Period : Administration
Generation : F0 Sex : Female Week : 6 Species : Rat

Test article Dose		Rearing	Defecation count
3-methoxybutan-1-ol 0 mg/kg	n	10	10
	Mean	6	0
	S.D.	2	0
3-methoxybutan-1-ol 1000 mg/kg	n	10	10
	Mean	7	0
	S.D.	2	0

Not significantly different from 3-methoxybutan-1-ol 0 mg/kg

Table 2 - 140 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

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
3-methoxybutan-1-ol 0 mg/kg	n	0	0	5	0	0	5	0	0	0
3-methoxybutan-1-ol 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
3-methoxybutan-1-ol 0 mg/kg	n	5	0	0	0	5	0	0	0
3-methoxybutan-1-ol 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
3-methoxybutan-1-ol 0 mg/kg	n	0	5	0	0	0	5	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	0	5	0	0	0	5	0	0

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Nomal, 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: Sevear
Gait) U: No/minimal location, 0: Nomal, 1: Slight, 2: Moderate, 3: Markedly
Posture) N: Normal, F: Flattened, H: Hunched
Not calculated : NC

Table 2 - 141 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

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
3-methoxybutan-1-ol 0 mg/kg	n	5	0	0	3	2	0	0
3-methoxybutan-1-ol 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

Table 2 - 142 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Open field observation Period : Recovery
Generation : F0 Sex : Male Week : 1 Species : Rat

Test article Dose		Rearing	Defecation count
3-methoxybutan-1-ol	n	5	5
0 mg/kg	Mean	5	0
	S.D.	2	0
3-methoxybutan-1-ol	n	5	5
1000 mg/kg	Mean	3	0
	S.D.	2	0

Not significantly different from 3-methoxybutan-1-ol 0 mg/kg

Table 2 - 143 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

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
3-methoxybutan-1-ol 0 mg/kg	n	0	0	5	0	0	5	0	0	0
3-methoxybutan-1-ol 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
3-methoxybutan-1-ol 0 mg/kg	n	5	0	0	0	5	0	0	0
3-methoxybutan-1-ol 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
3-methoxybutan-1-ol 0 mg/kg	n	0	5	0	0	0	5	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	0	5	0	0	0	5	0	0

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Nomal, 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: Sevear
Gait) U: No/minimal location, 0: Nomal, 1: Slight, 2: Moderate, 3: Markedly
Posture) N: Normal, F: Flattened, H: Hunched
Not calculated : NC

Table 2 - 144 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

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
3-methoxybutan-1-ol 0 mg/kg	n	5	0	0	3	2	0	0
3-methoxybutan-1-ol 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

Table 2 - 145 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Open field observation Period : Recovery
Generation : F0 Sex : Male Week : 2 Species : Rat

Test article Dose		Rearing	Defecation count
3-methoxybutan-1-ol 0 mg/kg	n	5	5
	Mean	5	0
	S.D.	2	0
3-methoxybutan-1-ol 1000 mg/kg	n	5	5
	Mean	4	0
	S.D.	3	0

Not significantly different from 3-methoxybutan-1-ol 0 mg/kg

Table 2 - 146 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Open field observation Period : Recovery
Generation : F0 Sex : Female Week : 1 Species : Rat

Test article		Arousal NC					Convulsion NC			
Dose		-2	-1	0	1	2	0	1	2	3
3-methoxybutan-1-ol 0 mg/kg	n	0	0	5	0	0	5	0	0	0
3-methoxybutan-1-ol 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
3-methoxybutan-1-ol 0 mg/kg	n	5	0	0	0	5	0	0	0
3-methoxybutan-1-ol 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
3-methoxybutan-1-ol 0 mg/kg	n	0	5	0	0	0	5	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	0	5	0	0	0	5	0	0

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Nomal, 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: Sevear
Gait) U: No/minimal location, 0: Nomal, 1: Slight, 2: Moderate, 3: Markedly
Posture) N: Normal, F: Flattened, H: Hunched
Not calculated : NC

Table 2 - 147 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Open field observation Period : Recovery
Generation : F0 Sex : Female Week : 1 Species : Rat

Test article		Grooming NC			Urination NC			
Dose		0	1	2	0	1	2	3
3-methoxybutan-1-ol 0 mg/kg	n	5	0	0	5	0	0	0
3-methoxybutan-1-ol 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

Table 2 - 148 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Open field observation Period : Recovery
Generation : F0 Sex : Female Week : 1 Species : Rat

Test article Dose		Rearing	Defecation count
3-methoxybutan-1-ol 0 mg/kg	n	5	5
	Mean	5	0
	S.D.	1	0
3-methoxybutan-1-ol 1000 mg/kg	n	5	5
	Mean	7	0
	S.D.	3	0

Not significantly different from 3-methoxybutan-1-ol 0 mg/kg

Table 2 - 149 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Open field observation Period : Recovery
Generation : F0 Sex : Female Week : 2 Species : Rat

Test article		Arousal NC					Convulsion NC			
Dose		-2	-1	0	1	2	0	1	2	3
3-methoxybutan-1-ol 0 mg/kg	n	0	0	5	0	0	5	0	0	0
3-methoxybutan-1-ol 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
3-methoxybutan-1-ol 0 mg/kg	n	5	0	0	0	5	0	0	0
3-methoxybutan-1-ol 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
3-methoxybutan-1-ol 0 mg/kg	n	0	5	0	0	0	5	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	0	5	0	0	0	5	0	0

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Nomal, 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: Sevear
Gait) U: No/minimal location, 0: Nomal, 1: Slight, 2: Moderate, 3: Markedly
Posture) N: Normal, F: Flattened, H: Hunched
Not calculated : NC

Table 2 - 150 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Open field observation Period : Recovery
Generation : F0 Sex : Female Week : 2 Species : Rat

Test article		Grooming NC			Urination NC			
Dose		0	1	2	0	1	2	3
3-methoxybutan-1-ol 0 mg/kg	n	5	0	0	5	0	0	0
3-methoxybutan-1-ol 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

Table 2 - 151 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Open field observation Period : Recovery
Generation : F0 Sex : Female Week : 2 Species : Rat

Test article Dose		Rearing	Defecation count
3-methoxybutan-1-ol 0 mg/kg	n	5	5
	Mean	6	0
	S.D.	2	0
3-methoxybutan-1-ol 1000 mg/kg	n	5	5
	Mean	10	0
	S.D.	3	0
		T2 *	

Significantly different from 3-methoxybutan-1-ol 0 mg/kg : * P<0.05
T2 : Student t-test (two-side)

Table 2 - 152 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

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
3-methoxybutan-1-ol 0 mg/kg	n	0	0	5	0	0	5	0	0	5	0
3-methoxybutan-1-ol 100 mg/kg	n	0	0	5	0	0	5	0	0	5	0
3-methoxybutan-1-ol 300 mg/kg	n	0	0	5	0	0	5	0	0	5	0
3-methoxybutan-1-ol 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
3-methoxybutan-1-ol 0 mg/kg	n	0	0	5	0	5	0	0	0
3-methoxybutan-1-ol 100 mg/kg	n	0	0	5	0	5	0	0	0
3-methoxybutan-1-ol 300 mg/kg	n	0	0	5	0	5	0	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	0	0	5	0	5	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
Not significantly different from 3-methoxybutan-1-ol 0 mg/kg

Table 2 - 153 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Manipulative test Period : F0 mating
Generation : F0 Sex : Male Week : 6 Species : Rat

Test article Dose		Aerial righting reflex	Landing foot splay mm
3-methoxybutan-1-ol 0 mg/kg	n	5	5
	Mean	0	94
	S.D.	0	34
3-methoxybutan-1-ol 100 mg/kg	n	5	5
	Mean	0	84
	S.D.	0	26
3-methoxybutan-1-ol 300 mg/kg	n	5	5
	Mean	0	89
	S.D.	0	20
3-methoxybutan-1-ol 1000 mg/kg	n	5	5
	Mean	0	80
	S.D.	0	22

Aerial righting reflex) Total score
Not significantly different from 3-methoxybutan-1-ol 0 mg/kg

Table 2 - 154 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Manipulative test Period : F0 lactation
Generation : F0 Sex : Female Day : 4 Species : Rat

Test article		Auditory response				Approach response			Touch response		
Dose		-2	-1	0	1	-1	0	1	-1	0	1
3-methoxybutan-1-ol 0 mg/kg	n	0	0	5	0	0	5	0	0	5	0
3-methoxybutan-1-ol 100 mg/kg	n	0	0	5	0	0	5	0	0	5	0
3-methoxybutan-1-ol 300 mg/kg	n	0	0	5	0	0	5	0	0	5	0
3-methoxybutan-1-ol 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
3-methoxybutan-1-ol 0 mg/kg	n	0	0	5	0	5	0	0	0
3-methoxybutan-1-ol 100 mg/kg	n	0	0	5	0	5	0	0	0
3-methoxybutan-1-ol 300 mg/kg	n	0	0	5	0	5	0	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	0	0	5	0	5	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
Not significantly different from 3-methoxybutan-1-ol 0 mg/kg

Table 2 - 155 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Manipulative test Period : F0 lactation
Generation : F0 Sex : Female Day : 4 Species : Rat

Test article Dose		Aerial righting reflex	Landing foot splay mm
3-methoxybutan-1-ol 0 mg/kg	n	5	5
	Mean	0	59
	S.D.	0	19
3-methoxybutan-1-ol 100 mg/kg	n	5	5
	Mean	0	50
	S.D.	0	30
3-methoxybutan-1-ol 300 mg/kg	n	5	5
	Mean	0	52
	S.D.	0	27
3-methoxybutan-1-ol 1000 mg/kg	n	5	5
	Mean	0	60
	S.D.	0	23

Aerial righting reflex) Total score
Not significantly different from 3-methoxybutan-1-ol 0 mg/kg

Table 2 - 156 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

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
3-methoxybutan-1-ol 0 mg/kg	n	0	0	5	0	0	5	0	0	5	0
3-methoxybutan-1-ol 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
3-methoxybutan-1-ol 0 mg/kg	n	0	0	5	0	5	0	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	0	0	5	0	5	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
Not significantly different from 3-methoxybutan-1-ol 0 mg/kg

Table 2 - 157 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Manipulative test Period : Recovery
Generation : F0 Sex : Male Week : 2 Species : Rat

Test article Dose		Aerial righting reflex	Landing foot splay mm
3-methoxybutan-1-ol 0 mg/kg	n	5	5
	Mean	0	78
	S.D.	0	20
3-methoxybutan-1-ol 1000 mg/kg	n	5	5
	Mean	0	69
	S.D.	0	22

Aerial righting reflex) Total score
Not significantly different from 3-methoxybutan-1-ol 0 mg/kg

Table 2 - 158 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Manipulative test Period : Recovery
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
3-methoxybutan-1-ol 0 mg/kg	n	0	0	5	0	0	5	0	0	5	0
3-methoxybutan-1-ol 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
3-methoxybutan-1-ol 0 mg/kg	n	0	0	5	0	5	0	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	0	0	5	0	5	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
Not significantly different from 3-methoxybutan-1-ol 0 mg/kg

Table 2 - 159 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Manipulative test Period : Recovery
Generation : F0 Sex : Female Week : 2 Species : Rat

Test article Dose		Aerial righting reflex	Landing foot splay mm
3-methoxybutan-1-ol 0 mg/kg	n	5	5
	Mean	0	59
	S.D.	0	20
3-methoxybutan-1-ol 1000 mg/kg	n	5	5
	Mean	0	59
	S.D.	0	15

Aerial righting reflex) Total score
Not significantly different from 3-methoxybutan-1-ol 0 mg/kg

Table 2 - 160 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

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
3-methoxybutan-1-ol 0 mg/kg	n	5	5
	Mean	1753	889
	S.D.	201	337
3-methoxybutan-1-ol 100 mg/kg	n	5	5
	Mean	1428	771
	S.D.	360	138
3-methoxybutan-1-ol 300 mg/kg	n	5	5
	Mean	1695	865
	S.D.	214	194
3-methoxybutan-1-ol 1000 mg/kg	n	5	5
	Mean	1619	905
	S.D.	159	211

Not significantly different from 3-methoxybutan-1-ol 0 mg/kg

Table 2 - 161 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Grip strength Period : F0 lactation
Generation : F0 Sex : Female Day : 4 Species : Rat

Test article Dose		Grip strength of fore limb g	Grip strength of hind limb g
3-methoxybutan-1-ol 0 mg/kg	n	5	5
	Mean	1366	778
	S.D.	177	152
3-methoxybutan-1-ol 100 mg/kg	n	5	5
	Mean	1260	814
	S.D.	76	142
3-methoxybutan-1-ol 300 mg/kg	n	5	5
	Mean	1220	796
	S.D.	172	128
3-methoxybutan-1-ol 1000 mg/kg	n	5	5
	Mean	1252	787
	S.D.	232	174

Not significantly different from 3-methoxybutan-1-ol 0 mg/kg

Table 2 - 162 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

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
3-methoxybutan-1-ol 0 mg/kg	n	5	5
	Mean	1907	1307
	S.D.	97	176
3-methoxybutan-1-ol 1000 mg/kg	n	5	5
	Mean	1955	1266
	S.D.	111	115

Not significantly different from 3-methoxybutan-1-ol 0 mg/kg

Table 2 - 163 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Grip strength Period : Recovery
Generation : F0 Sex : Female Week : 2 Species : Rat

Test article Dose		Grip strength of fore limb g	Grip strength of hind limb g
3-methoxybutan-1-ol 0 mg/kg	n	5	5
	Mean	1285	985
	S.D.	73	219
3-methoxybutan-1-ol 1000 mg/kg	n	5	5
	Mean	1382	1058
	S.D.	114	116

Not significantly different from 3-methoxybutan-1-ol 0 mg/kg

Table 2 - 164 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

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
3-methoxybutan-1-ol	n	5	5	5	5	5	5	5
0 mg/kg	Mean	356	262	132	239	152	121	1261
	S.D.	127	149	119	139	142	113	279
3-methoxybutan-1-ol	n	5	5	5	5	5	5	5
100 mg/kg	Mean	347	393	284	242	142	103	1510
	S.D.	154	67	87	103	126	127	502
3-methoxybutan-1-ol	n	5	5	5	5	5	5	5
300 mg/kg	Mean	373	352	249	222	150	139	1485
	S.D.	188	90	144	172	147	141	671
3-methoxybutan-1-ol	n	5	5	5	5	5	5	5
1000 mg/kg	Mean	435	308	261	301	135	114	1555
	S.D.	29	175	161	120	141	79	604

Not significantly different from 3-methoxybutan-1-ol 0 mg/kg

Table 2 - 165 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Motor activity Period : F0 lactation
Generation : F0 Sex : Female Day : 4 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
3-methoxybutan-1-ol	n	5	5	5	5	5	5	5
0 mg/kg	Mean	245	139	64	116	16	50	631
	S.D.	161	179	65	118	16	90	559
3-methoxybutan-1-ol	n	5	5	5	5	5	5	5
100 mg/kg	Mean	292	154	196	189	193	83	1106
	S.D.	39	103	126	69	118	97	309
						DT *		
3-methoxybutan-1-ol	n	5	5	5	5	5	5	5
300 mg/kg	Mean	312	94	72	51	99	13	641
	S.D.	163	88	84	58	94	8	224
3-methoxybutan-1-ol	n	5	5	5	5	5	5	5
1000 mg/kg	Mean	243	95	139	44	70	38	629
	S.D.	124	77	99	58	114	55	295

Significantly different from 3-methoxybutan-1-ol 0 mg/kg : * P<0.05
DT : Dunnett test (two-side)

Table 2 - 166 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

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
3-methoxybutan-1-ol	n	5	5	5	5	5	5	5
0 mg/kg	Mean	399	377	299	230	249	257	1811
	S.D.	25	60	44	78	104	189	399
3-methoxybutan-1-ol	n	5	5	5	5	5	5	5
1000 mg/kg	Mean	430	328	303	229	207	227	1724
	S.D.	53	148	89	154	191	155	557

Not significantly different from 3-methoxybutan-1-ol 0 mg/kg

Table 2 - 167 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Motor activity Period : Recovery
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
3-methoxybutan-1-ol	n	5	5	5	5	5	5	5
0 mg/kg	Mean	320	289	218	166	148	208	1350
	S.D.	128	86	117	109	156	71	562
3-methoxybutan-1-ol	n	5	5	5	5	5	5	5
1000 mg/kg	Mean	469	390	336	280	276	262	2012
	S.D.	34	57	46	130	69	81	215

Not significantly different from 3-methoxybutan-1-ol 0 mg/kg

Table 3 - 1 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Body weight Period : F0 before mating Day 1-15, F0 mating Day 15-43

Sex : Male Unit : g Species : Rat

Test article	/Day	1	8	15	22	29	36	42	Body weight gain
Dose									
3-methoxybutan-1-ol	n	12	12	12	12	12	12	12	12
0 mg/kg	Mean	420	447	472	487	511	533	545	125
	S.D.	19	23	23	28	28	30	32	20
3-methoxybutan-1-ol	n	12	12	12	12	12	12	12	12
100 mg/kg	Mean	417	447	470	486	508	527	537	120
	S.D.	16	19	22	26	28	31	32	21
3-methoxybutan-1-ol	n	12	12	12	12	12	12	12	12
300 mg/kg	Mean	420	452	480	497	520	542	550	130
	S.D.	15	17	17	20	23	26	28	27
3-methoxybutan-1-ol	n	12	12	12	12	12	12	12	12
1000 mg/kg	Mean	421	449	471	488	509	529	537	116
	S.D.	14	15	16	16	18	22	21	16

Not significantly different from 3-methoxybutan-1-ol 0 mg/kg

Table 3 - 2 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Body weight Period : F0 before mating Day 1-15

Sex : Female Unit : g Species : Rat

Test article		/Day			Body weight
Dose		1	8	15	gain
3-methoxybutan-1-ol	n	12	12	12	12
0 mg/kg	Mean	255	260	271	16
	S.D.	9	9	12	10
3-methoxybutan-1-ol	n	12	12	12	12
100 mg/kg	Mean	252	262	276	24
	S.D.	11	13	18	10
3-methoxybutan-1-ol	n	12	12	12	12
300 mg/kg	Mean	252	264	272	20
	S.D.	12	11	12	10
3-methoxybutan-1-ol	n	12	12	12	12
1000 mg/kg	Mean	252	264	276	24
	S.D.	13	11	11	8

Not significantly different from 3-methoxybutan-1-ol 0 mg/kg

Table 3 - 3 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Body weight Period : F0 gestation Day 0-25

Sex : Female Unit : g Species : Rat

Test article		/Day				Body weight
Dose		0	7	14	20	gain
3-methoxybutan-1-ol	n	12	12	12	12	12
0 mg/kg	Mean	277	321	357	443	165
	S.D.	15	16	16	22	16
3-methoxybutan-1-ol	n	11	11	11	11	11
100 mg/kg	Mean	278	318	354	434	156
	S.D.	17	17	16	24	23
3-methoxybutan-1-ol	n	12	12	12	12	12
300 mg/kg	Mean	279	322	358	440	161
	S.D.	16	20	23	32	22
3-methoxybutan-1-ol	n	12	12	12	12	12
1000 mg/kg	Mean	283	321	358	435	152
	S.D.	13	16	16	29	22

Not significantly different from 3-methoxybutan-1-ol 0 mg/kg

Table 3 - 4 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Body weight Period : F0 lactation Day 0-5

Sex : Female Unit : g Species : Rat

Test article		/Day		Body weight
Dose		0	4	gain
3-methoxybutan-1-ol	n	12	12	12
0 mg/kg	Mean	343	346	3
	S.D.	22	17	12
3-methoxybutan-1-ol	n	11	11	11
100 mg/kg	Mean	334	342	8
	S.D.	21	15	18
3-methoxybutan-1-ol	n	12	11 a)	11
300 mg/kg	Mean	341	343	2
	S.D.	25	22	13
3-methoxybutan-1-ol	n	12	12	12
1000 mg/kg	Mean	349	351	1
	S.D.	18	21	16

Not significantly different from 3-methoxybutan-1-ol 0 mg/kg

a) : One dam died on lactation day 1

Table 3 - 5 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Body weight Period : Administration

Sex : Female Unit : g Species : Rat

Test article		/Day							Body weight
Dose		1	8	15	22	29	36	42	gain
3-methoxybutan-1-ol	n	10	10	10	10	10	10	10	10
0 mg/kg	Mean	252	263	275	281	289	299	304	53
	S.D.	11	14	14	13	15	16	14	7
3-methoxybutan-1-ol	n	10	10	10	10	10	10	10	10
1000 mg/kg	Mean	252	264	274	286	291	298	305	52
	S.D.	11	7	5	10	9	8	12	12

Not significantly different from 3-methoxybutan-1-ol 0 mg/kg

Table 3 - 6 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Body weight Period : Recovery Day 1-15

Sex : Male Unit : g Species : Rat

Test article		/Day			Body weight
Dose		1	8	14	gain
3-methoxybutan-1-ol	n	5	5	5	5
0 mg/kg	Mean	558	574	584	25
	S.D.	29	30	34	12
3-methoxybutan-1-ol	n	5	5	5	5
1000 mg/kg	Mean	535	556	556	21
	S.D.	28	26	25	7

Not significantly different from 3-methoxybutan-1-ol 0 mg/kg

Table 3 - 7 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Body weight Period : Recovery Day 1-15
Sex : Female Unit : g Species : Rat

Test article		/Day			Body weight
Dose		1	8	14	gain
3-methoxybutan-1-ol	n	5	5	5	5
0 mg/kg	Mean	309	324	326	16
	S.D.	12	14	16	8
3-methoxybutan-1-ol	n	5	5	5	5
1000 mg/kg	Mean	308	309	314	6
	S.D.	8	12	13	11

Not significantly different from 3-methoxybutan-1-ol 0 mg/kg

Table 4 - 1 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Food consumption Period : F0 before mating Day 1-15, F0 mating Day 15-43

Sex : Male Unit : g Species : Rat

Test article		/Day						Total food
Dose		2	8	15	30	36	42	consumption
3-methoxybutan-1-ol	n	12	12	12	12	12	12	12
0 mg/kg	Mean	25	25	26	25	26	26	153
	S.D.	2	2	2	1	3	2	10
3-methoxybutan-1-ol	n	12	12	12	12	12	12	12
100 mg/kg	Mean	27	27	26	25	26	26	156
	S.D.	2	3	3	3	3	3	15
3-methoxybutan-1-ol	n	12	12	12	12	12	12	12
300 mg/kg	Mean	25	25	28	26	26	25	155
	S.D.	3	2	2	3	2	4	10
3-methoxybutan-1-ol	n	12	12	12	12	12	12	12
1000 mg/kg	Mean	22	26	25	24	26	26	148
	S.D.	2	1	2	2	2	1	5
		DT **						

Significantly different from 3-methoxybutan-1-ol 0 mg/kg : ** P<0.01

DT : Dunnett test (two-side)

Table 4 - 2 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Food consumption Period : F0 before mating Day 1-15

Sex : Female Unit : g Species : Rat

Test article		/Day			Total food
Dose		2	8	15	consumption
3-methoxybutan-1-ol	n	12	12	12	12
0 mg/kg	Mean	16	16	18	49
	S.D.	4	3	3	5
3-methoxybutan-1-ol	n	12	12	12	12
100 mg/kg	Mean	17	18	20	55
	S.D.	3	3	3	6
					DT *
3-methoxybutan-1-ol	n	12	12	12	12
300 mg/kg	Mean	16	17	17	50
	S.D.	2	2	2	2
3-methoxybutan-1-ol	n	12	12	12	12
1000 mg/kg	Mean	14	16	18	49
	S.D.	2	2	2	4

Significantly different from 3-methoxybutan-1-ol 0 mg/kg : * P<0.05

DT : Dunnett test (two-side)

Table 4 - 3 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Food consumption Period : F0 gestation Day 0-25

Sex : Female Unit : g Species : Rat

Test article		/Day				Total food
Dose		1	7	14	20	consumption
3-methoxybutan-1-ol	n	12	12	12	12	12
0 mg/kg	Mean	17	24	23	25	89
	S.D.	3	4	2	3	9
3-methoxybutan-1-ol	n	11	11	11	11	11
100 mg/kg	Mean	18	23	22	25	89
	S.D.	2	4	2	2	7
3-methoxybutan-1-ol	n	12	12	12	12	12
300 mg/kg	Mean	20	25	25	24	93
	S.D.	2	3	3	3	9
3-methoxybutan-1-ol	n	12	12	12	12	12
1000 mg/kg	Mean	18	23	24	25	90
	S.D.	3	4	2	4	11

Not significantly different from 3-methoxybutan-1-ol 0 mg/kg

Table 4 - 4 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Food consumption Period : F0 lactation Day 0-5

Sex : Female Unit : g Species : Rat

Test article		/Day		Total food
Dose		2	4	consumption
3-methoxybutan-1-ol	n	12	12	12
0 mg/kg	Mean	25	38	63
	S.D.	7	4	9
3-methoxybutan-1-ol	n	11	11	11
100 mg/kg	Mean	26	40	66
	S.D.	6	7	11
3-methoxybutan-1-ol	n	11 a)	11	11
300 mg/kg	Mean	25	38	63
	S.D.	5	7	12
3-methoxybutan-1-ol	n	12	12	12
1000 mg/kg	Mean	26	37	62
	S.D.	7	6	12

Not significantly different from 3-methoxybutan-1-ol 0 mg/kg

a) : One dam died on lactation day 1

Table 4 - 5 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Food consumption Period : Administration

Sex : Female Unit : g Species : Rat

Test article		/Day						Total food
Dose		2	8	15	30	36	42	consumption
3-methoxybutan-1-ol	n	10	10	10	10	10	10	10
0 mg/kg	Mean	18	18	19	18	18	18	109
	S.D.	2	4	3	2	3	3	12
3-methoxybutan-1-ol	n	10	10	10	10	10	10	10
1000 mg/kg	Mean	15	17	17	17	18	18	103
	S.D.	2	2	2	2	2	2	6
		T2 **						

Significantly different from 3-methoxybutan-1-ol 0 mg/kg : ** P<0.01

T2 : Student t-test (two-side)

Table 4 - 6 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Food consumption Period : Recovery Day 1-15

Sex : Male Unit : g Species : Rat

Test article		/Day			Total food
Dose		2	8	14	consumption
3-methoxybutan-1-ol	n	5	5	5	5
0 mg/kg	Mean	26	25	27	79
	S.D.	2	2	3	5
3-methoxybutan-1-ol	n	5	5	5	5
1000 mg/kg	Mean	27	27	26	80
	S.D.	2	2	3	6

Not significantly different from 3-methoxybutan-1-ol 0 mg/kg

Table 4 - 7 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Food consumption Period : Recovery Day 1-15

Sex : Female Unit : g Species : Rat

Test article		/Day			Total food
Dose		2	8	14	consumption
3-methoxybutan-1-ol	n	5	5	5	5
0 mg/kg	Mean	20	18	19	57
	S.D.	3	4	3	10
3-methoxybutan-1-ol	n	5	5	5	5
1000 mg/kg	Mean	20	16	18	55
	S.D.	2	1	2	3

Not significantly different from 3-methoxybutan-1-ol 0 mg/kg

Table 5 - 1 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

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
3-methoxybutan-1-ol 0 mg/kg	n	0	0	0	0	0	0	0	0	5
3-methoxybutan-1-ol 100 mg/kg	n	0	0	0	0	0	2	1	2	0
3-methoxybutan-1-ol 300 mg/kg	n	0	0	0	1	2	1	0	1	0
3-methoxybutan-1-ol 1000 mg/kg	n	0	0	0	0	1	0	0	1	3

Test article / Dose		Protein -	+/-	1+	2+	3+	Ketones -	+/-	1+	2+	3+
3-methoxybutan-1-ol 0 mg/kg	n	2	1	2	0	0	1	2	2	0	0
3-methoxybutan-1-ol 100 mg/kg	n	2	3	0	0	0	1	3	1	0	0
3-methoxybutan-1-ol 300 mg/kg	n	0	3	2	0	0	1	0	4	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	0	3	2	0	0	0	2	3	0	0

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 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

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+
3-methoxybutan-1-ol 0 mg/kg	n	5	0	0	0	0	0	4	1	0	0
3-methoxybutan-1-ol 100 mg/kg	n	5	0	0	0	0	2	2	1	0	0
3-methoxybutan-1-ol 300 mg/kg	n	5	0	0	0	0	2	3	0	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	5	0	0	0	0	0	5	0	0	0

Test article / Dose		Bilirubin -	Bilirubin 1+	Bilirubin 2+	Bilirubin 3+	Urobilinogen +/-	Urobilinogen 1+	Urobilinogen 2+	Urobilinogen 3+
3-methoxybutan-1-ol 0 mg/kg	n	4	1	0	0	5	0	0	0
3-methoxybutan-1-ol 100 mg/kg	n	5	0	0	0	5	0	0	0
3-methoxybutan-1-ol 300 mg/kg	n	5	0	0	0	5	0	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	5	0	0	0	5	0	0	0

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 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Urinalysis Stage : Week 6 of administration
Sex : Male Species : Rat

Test article Dose		Color									
		LY	Y	DY	BR	RE	RB	WH	BL	CL	OT
3-methoxybutan-1-ol 0 mg/kg	n	0	5	0	0	0	0	0	0	0	0
3-methoxybutan-1-ol 100 mg/kg	n	0	5	0	0	0	0	0	0	0	0
3-methoxybutan-1-ol 300 mg/kg	n	0	5	0	0	0	0	0	0	0	0
3-methoxybutan-1-ol 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

Table 5 - 4 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Urinalysis Stage : Week 6 of administration
Sex : Male Species : Rat

Test article Dose		RBC -	+/-	1+	2+	3+	WBC -	+/-	1+	2+	3+
3-methoxybutan-1-ol 0 mg/kg	n	5	0	0	0	0	5	0	0	0	0
3-methoxybutan-1-ol 100 mg/kg	n	5	0	0	0	0	5	0	0	0	0
3-methoxybutan-1-ol 300 mg/kg	n	5	0	0	0	0	5	0	0	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	5	0	0	0	0	5	0	0	0	0

Test article Dose		Squamous epithelial cells -	+/-	1+	2+	3+	Small round epithelial cells -	+/-	1+	2+	3+
3-methoxybutan-1-ol 0 mg/kg	n	0	5	0	0	0	5	0	0	0	0
3-methoxybutan-1-ol 100 mg/kg	n	0	5	0	0	0	5	0	0	0	0
3-methoxybutan-1-ol 300 mg/kg	n	0	5	0	0	0	5	0	0	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	0	5	0	0	0	5	0	0	0	0

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 - 5 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Urinalysis Stage : Week 6 of administration

Sex : Male Species : Rat

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+
3-methoxybutan-1-ol 0 mg/kg	n	5	0	0	0	0	3	2	0	0	0
3-methoxybutan-1-ol 100 mg/kg	n	5	0	0	0	0	3	2	0	0	0
3-methoxybutan-1-ol 300 mg/kg	n	5	0	0	0	0	4	1	0	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	5	0	0	0	0	3	2	0	0	0

Test article / Dose		Crystal calcium oxalate -	Crystal calcium oxalate +/-	Crystal calcium oxalate 1+	Crystal calcium oxalate 2+	Crystal calcium oxalate 3+
3-methoxybutan-1-ol 0 mg/kg	n	5	0	0	0	0
3-methoxybutan-1-ol 100 mg/kg	n	5	0	0	0	0
3-methoxybutan-1-ol 300 mg/kg	n	5	0	0	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	5	0	0	0	0

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 - 6 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Urinalysis Stage : Week 6 of administration
Sex : Male Species : Rat

Test article Dose		Urine volume mL/24h	Osmotic pressure mOsm/kg	U-Na mmol/24h	U-K mmol/24h	U-Cl mmol/24h
3-methoxybutan-1-ol	n	5	5	5	5	5
0 mg/kg	Mean	17.5	1906	2.0	4.0	2.9
	S.D.	12.0	741	0.7	1.7	1.1
3-methoxybutan-1-ol	n	5	5	5	5	5
100 mg/kg	Mean	23.5	1619	2.5	5.5	3.6
	S.D.	9.6	433	0.5	0.7	0.3
3-methoxybutan-1-ol	n	5	5	5	5	5
300 mg/kg	Mean	12.1	2074	1.7	3.9	2.5
	S.D.	3.4	427	0.2	0.8	0.4
3-methoxybutan-1-ol	n	5	5	5	5	5
1000 mg/kg	Mean	15.4	1931	1.8	3.9	2.6
	S.D.	8.6	558	0.4	0.3	0.2

Not significantly different from 3-methoxybutan-1-ol 0 mg/kg

Table 5 - 7 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Urinalysis Stage : Week 6 of administration
Sex : Female Species : Rat

Test article		pH								
Dose		5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	>=9.0
3-methoxybutan-1-ol 0 mg/kg	n	0	0	0	0	1	0	0	1	3
3-methoxybutan-1-ol 1000 mg/kg	n	0	0	0	4	1	0	0	0	0

Test article		Protein					Ketones				
Dose		-	+/-	1+	2+	3+	-	+/-	1+	2+	3+
3-methoxybutan-1-ol 0 mg/kg	n	5	0	0	0	0	5	0	0	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	2	2	1	0	0	0	2	3	0	0

Protein) - : Negative , +/- : 15 , 1+ : 30 , 2+ : 100 , 3+ : ≥300 mg/dL
Ketones) - : Negative , +/- : 5 , 1+ : 15 , 2+ : 40 , 3+ : 80 mg/dL

Table 5 - 8 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Urinalysis Stage : Week 6 of administration

Sex : Female Species : Rat

Test article		Glucose					Occult Blood				
Dose		-	1+	2+	3+	4+	-	+/-	1+	2+	3+
3-methoxybutan-1-ol 0 mg/kg	n	5	0	0	0	0	5	0	0	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	5	0	0	0	0	5	0	0	0	0

Test article		Bilirubin				Urobilinogen			
Dose		-	1+	2+	3+	+/-	1+	2+	3+
3-methoxybutan-1-ol 0 mg/kg	n	5	0	0	0	5	0	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	5	0	0	0	5	0	0	0

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 - 9 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Urinalysis Stage : Week 6 of administration

Sex : Female Species : Rat

Test article Dose		Color									
		LY	Y	DY	BR	RE	RB	WH	BL	CL	OT
3-methoxybutan-1-ol 0 mg/kg	n	0	5	0	0	0	0	0	0	0	0
3-methoxybutan-1-ol 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

Table 5 - 10 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Urinalysis Stage : Week 6 of administration
Sex : Female Species : Rat

Test article		RBC					WBC				
Dose		-	+/-	1+	2+	3+	-	+/-	1+	2+	3+
3-methoxybutan-1-ol 0 mg/kg	n	5	0	0	0	0	5	0	0	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	5	0	0	0	0	5	0	0	0	0

Test article		Squamous epithelial cells					Small round epithelial cells				
Dose		-	+/-	1+	2+	3+	-	+/-	1+	2+	3+
3-methoxybutan-1-ol 0 mg/kg	n	0	5	0	0	0	5	0	0	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	0	5	0	0	0	5	0	0	0	0

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 - 11 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Urinalysis Stage : Week 6 of administration
Sex : Female Species : Rat

Test article		Cast					Crystal phosphate salts				
Dose		-	+/-	1+	2+	3+	-	+/-	1+	2+	3+
3-methoxybutan-1-ol 0 mg/kg	n	5	0	0	0	0	3	2	0	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	5	0	0	0	0	2	3	0	0	0

Test article		Crystal calcium oxalate				
Dose		-	+/-	1+	2+	3+
3-methoxybutan-1-ol 0 mg/kg	n	5	0	0	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	5	0	0	0	0

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 - 12 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Urinalysis Stage : Week 6 of administration

Sex : Female Species : Rat

Test article Dose		Urine volume mL/24h	Osmotic pressure mOsm/kg	U-Na mmol/24h	U-K mmol/24h	U-Cl mmol/24h
3-methoxybutan-1-ol	n	5	5	5	5	5
0 mg/kg	Mean	9.8	1739	1.2	2.4	1.7
	S.D.	3.5	524	0.4	0.5	0.5
3-methoxybutan-1-ol	n	5	5	5	5	5
1000 mg/kg	Mean	14.4	1668	1.5	3.0	2.0
	S.D.	8.4	450	0.4	0.6	0.4

Not significantly different from 3-methoxybutan-1-ol 0 mg/kg

Table 5 - 13 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Urinalysis Stage : Week 2 of recovery
Sex : Male Species : Rat

Test article		pH								
Dose		5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	>=9.0
3-methoxybutan-1-ol 0 mg/kg	n	0	0	0	0	0	0	0	1	4
3-methoxybutan-1-ol 1000 mg/kg	n	0	0	0	0	0	0	0	1	4

Test article		Protein					Ketones				
Dose		-	+/-	1+	2+	3+	-	+/-	1+	2+	3+
3-methoxybutan-1-ol 0 mg/kg	n	2	1	1	1	0	1	2	1	1	0
3-methoxybutan-1-ol 1000 mg/kg	n	4	1	0	0	0	1	4	0	0	0

Protein) - : Negative , +/- : 15 , 1+ : 30 , 2+ : 100 , 3+ : ≥300 mg/dL
Ketones) - : Negative , +/- : 5 , 1+ : 15 , 2+ : 40 , 3+ : 80 mg/dL

Table 5 - 14 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Urinalysis Stage : Week 2 of recovery
Sex : Male Species : Rat

Test article		Glucose					Occult Blood				
Dose		-	1+	2+	3+	4+	-	+/-	1+	2+	3+
3-methoxybutan-1-ol 0 mg/kg	n	4	1	0	0	0	1	4	0	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	5	0	0	0	0	0	5	0	0	0

Test article		Bilirubin				Urobilinogen			
Dose		-	1+	2+	3+	+/-	1+	2+	3+
3-methoxybutan-1-ol 0 mg/kg	n	4	1	0	0	5	0	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	5	0	0	0	5	0	0	0

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 - 15 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Urinalysis Stage : Week 2 of recovery
Sex : Male Species : Rat

Test article Dose		Color									
		LY	Y	DY	BR	RE	RB	WH	BL	CL	OT
3-methoxybutan-1-ol 0 mg/kg	n	0	5	0	0	0	0	0	0	0	0
3-methoxybutan-1-ol 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

Table 5 - 16 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Urinalysis Stage : Week 2 of recovery
Sex : Male Species : Rat

Test article Dose		RBC -	+/-	1+	2+	3+	WBC -	+/-	1+	2+	3+
3-methoxybutan-1-ol 0 mg/kg	n	5	0	0	0	0	5	0	0	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	5	0	0	0	0	4	1	0	0	0

Test article Dose		Squamous epithelial cells -	+/-	1+	2+	3+	Small round epithelial cells -	+/-	1+	2+	3+
3-methoxybutan-1-ol 0 mg/kg	n	0	5	0	0	0	5	0	0	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	0	5	0	0	0	5	0	0	0	0

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 - 17 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Urinalysis Stage : Week 2 of recovery
Sex : Male Species : Rat

Test article		Cast					Crystal phosphate salts				
Dose		-	+/-	1+	2+	3+	-	+/-	1+	2+	3+
3-methoxybutan-1-ol 0 mg/kg	n	5	0	0	0	0	4	1	0	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	5	0	0	0	0	5	0	0	0	0

Test article		Crystal calcium oxalate				
Dose		-	+/-	1+	2+	3+
3-methoxybutan-1-ol 0 mg/kg	n	5	0	0	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	5	0	0	0	0

Casy) - : 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 - 18 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Urinalysis Stage : Week 2 of recovery

Sex : Male Species : Rat

Test article Dose		Urine volume mL/24h	Osmotic pressure mOsm/kg	U-Na mmol/24h	U-K mmol/24h	U-Cl mmol/24h
3-methoxybutan-1-ol	n	5	5	5	5	5
0 mg/kg	Mean	17.3	1939	2.1	4.3	3.0
	S.D.	10.3	612	1.0	1.6	1.2
3-methoxybutan-1-ol	n	5	5	5	5	5
1000 mg/kg	Mean	17.6	2021	2.2	4.9	3.5
	S.D.	6.7	470	0.6	0.9	0.7

Not significantly different from 3-methoxybutan-1-ol 0 mg/kg

Table 5 - 19 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Urinalysis Stage : Week 2 of recovery
Sex : Female Species : Rat

Test article / Dose		pH 5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	>=9.0
3-methoxybutan-1-ol 0 mg/kg	n	0	0	1	1	0	0	1	2	0
3-methoxybutan-1-ol 1000 mg/kg	n	0	0	0	0	0	1	0	1	3

Test article / Dose		Protein -	+/-	1+	2+	3+	Ketones -	+/-	1+	2+	3+
3-methoxybutan-1-ol 0 mg/kg	n	4	0	1	0	0	3	2	0	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	4	1	0	0	0	4	1	0	0	0

Protein) - : Negative , +/- : 15 , 1+ : 30 , 2+ : 100 , 3+ : ≥300 mg/dL
Ketones) - : Negative , +/- : 5 , 1+ : 15 , 2+ : 40 , 3+ : 80 mg/dL

Table 5 - 20 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Urinalysis Stage : Week 2 of recovery
Sex : Female Species : Rat

Test article		Glucose					Occult Blood				
Dose		-	1+	2+	3+	4+	-	+/-	1+	2+	3+
3-methoxybutan-1-ol 0 mg/kg	n	5	0	0	0	0	5	0	0	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	5	0	0	0	0	5	0	0	0	0

Test article		Bilirubin				Urobilinogen			
Dose		-	1+	2+	3+	+/-	1+	2+	3+
3-methoxybutan-1-ol 0 mg/kg	n	5	0	0	0	5	0	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	5	0	0	0	5	0	0	0

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 - 21 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Urinalysis Stage : Week 2 of recovery
Sex : Female Species : Rat

Test article Dose		Color									
		LY	Y	DY	BR	RE	RB	WH	BL	CL	OT
3-methoxybutan-1-ol 0 mg/kg	n	0	5	0	0	0	0	0	0	0	0
3-methoxybutan-1-ol 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

Table 5 - 22 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Urinalysis Stage : Week 2 of recovery
Sex : Female Species : Rat

Test article Dose		RBC -	+/-	1+	2+	3+	WBC -	+/-	1+	2+	3+
3-methoxybutan-1-ol 0 mg/kg	n	5	0	0	0	0	5	0	0	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	5	0	0	0	0	5	0	0	0	0

Test article Dose		Squamous epithelial cells -	+/-	1+	2+	3+	Small round epithelial cells -	+/-	1+	2+	3+
3-methoxybutan-1-ol 0 mg/kg	n	0	5	0	0	0	5	0	0	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	0	5	0	0	0	5	0	0	0	0

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 - 23 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Urinalysis Stage : Week 2 of recovery
Sex : Female Species : Rat

Test article		Cast					Crystal phosphate salts				
Dose		-	+/-	1+	2+	3+	-	+/-	1+	2+	3+
3-methoxybutan-1-ol 0 mg/kg	n	5	0	0	0	0	2	3	0	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	5	0	0	0	0	4	1	0	0	0

Test article		Crystal calcium oxalate				
Dose		-	+/-	1+	2+	3+
3-methoxybutan-1-ol 0 mg/kg	n	5	0	0	0	0
3-methoxybutan-1-ol 1000 mg/kg	n	5	0	0	0	0

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 - 24 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Urinalysis Stage : Week 2 of recovery

Sex : Female Species : Rat

Test article Dose		Urine volume mL/24h	Osmotic pressure mOsm/kg	U-Na mmol/24h	U-K mmol/24h	U-Cl mmol/24h
3-methoxybutan-1-ol	n	5	5	5	5	5
0 mg/kg	Mean	10.8	1662	1.3	2.5	1.8
	S.D.	2.9	322	0.3	0.5	0.4
3-methoxybutan-1-ol	n	5	5	5	5	5
1000 mg/kg	Mean	10.9	1718	1.2	2.4	1.7
	S.D.	5.2	417	0.2	0.4	0.4

Not significantly different from 3-methoxybutan-1-ol 0 mg/kg

Table 6 - 1 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Hematology Stage : End of administration
Sex : Male Species : Rat

Test article / Dose		RBC	HGB	HCT	MCV	MCH	MCHC	RETIC	PLT	WBC	LYMP
		10^4/μL	g/dL	%	fL	pg	g/dL	%	10^4/μL	10^2/μL	%
3-methoxybutan-1-ol	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	835	15.6	45.1	54.0	18.7	34.6	2.0	92.6	66.2	76.9
	S.D.	34	0.6	1.8	1.8	0.6	0.1	0.3	4.1	15.0	5.0
3-methoxybutan-1-ol	n	5	5	5	5	5	5	5	5	5	5
100 mg/kg	Mean	828	15.4	43.5	52.5	18.6	35.4	2.0	100.6	79.7	77.9
	S.D.	43	0.6	2.3	1.0	0.8	1.0	0.4	8.4	17.1	1.4
3-methoxybutan-1-ol	n	5	5	5	5	5	5	5	5	5	5
300 mg/kg	Mean	819	15.3	44.1	53.9	18.8	34.8	2.1	104.5	67.2	73.3
	S.D.	25	0.2	0.6	1.7	0.7	0.2	0.2	14.4	10.0	4.6
3-methoxybutan-1-ol	n	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	832	15.6	44.6	53.6	18.8	35.1	1.9	108.6	74.5	77.5
	S.D.	31	0.4	1.9	1.5	0.6	0.8	0.2	4.5	15.0	2.0
									DT *		

Test article / Dose		NEUT	EOS	BASO	MONO	LUC	#LYMP	#NEUT	#EOS	#BASO	#MONO
		%	%	%	%	%	10^2/μL	10^2/μL	10^2/μL	10^2/μL	10^2/μL
3-methoxybutan-1-ol	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	19.0	1.4	0.2	2.0	0.4	50.8	12.8	0.9	0.1	1.3
	S.D.	5.0	0.8	0.1	0.5	0.2	10.4	5.7	0.4	0.1	0.4
3-methoxybutan-1-ol	n	5	5	5	5	5	5	5	5	5	5
100 mg/kg	Mean	17.4	1.5	0.2	2.4	0.6	62.0	13.9	1.1	0.2	2.0
	S.D.	2.5	0.4	0.1	1.2	0.3	13.0	3.7	0.1	0.1	1.2
3-methoxybutan-1-ol	n	5	5	5	5	5	5	5	5	5	5
300 mg/kg	Mean	21.7	1.9	0.2	2.4	0.5	49.2	14.6	1.3	0.1	1.6
	S.D.	4.3	0.3	0.0	0.3	0.2	7.9	3.6	0.3	0.1	0.3
3-methoxybutan-1-ol	n	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	18.1	1.5	0.3	2.1	0.6	57.7	13.5	1.1	0.2	1.6
	S.D.	2.4	0.3	0.0	0.4	0.4	11.4	3.6	0.3	0.0	0.4

Significantly different from 3-methoxybutan-1-ol 0 mg/kg : * P<0.05
DT : Dunnett test (two-side)

Table 6 - 2 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Hematology Stage : End of administration
Sex : Male Species : Rat

Test article Dose		#LUC 10^2/μL	PT s	APTT s	FIB mg/dL
3-methoxybutan-1-ol	n	5	5	5	5
0 mg/kg	Mean	0.3	14.3	18.0	270
	S.D.	0.2	1.8	0.9	36
3-methoxybutan-1-ol	n	5	5	5	5
100 mg/kg	Mean	0.4	14.0	17.3	250
	S.D.	0.2	0.8	2.1	28
3-methoxybutan-1-ol	n	5	5	5	5
300 mg/kg	Mean	0.3	13.5	17.1	249
	S.D.	0.2	0.3	1.7	15
3-methoxybutan-1-ol	n	5	5	5	5
1000 mg/kg	Mean	0.4	13.6	17.7	248
	S.D.	0.4	0.5	1.5	16

Not significantly different from 3-methoxybutan-1-ol 0 mg/kg

Table 6 - 3 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Hematology Stage : Lactation day 5
Sex : Female Species : Rat

Test article Dose		RBC 10^4/μL	HGB g/dL	HCT %	MCV fL	MCH pg	MCHC g/dL	RETIC %	PLT 10^4/μL	WBC 10^2/μL	LYMP %
3-methoxybutan-1-ol	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	684	13.4	39.3	57.5	19.6	34.1	7.0	126.9	96.2	58.3
	S.D.	25	0.8	2.2	3.4	1.3	0.2	2.0	13.2	17.5	6.1
3-methoxybutan-1-ol	n	5	5	5	5	5	5	5	5	5	5
100 mg/kg	Mean	685	13.6	39.6	57.9	19.8	34.3	6.8	139.4	118.8	54.9
	S.D.	50	0.7	2.1	1.3	0.4	0.2	2.4	15.8	21.6	7.0
3-methoxybutan-1-ol	n	5	5	5	5	5	5	5	5	5	5
300 mg/kg	Mean	710	14.2	41.3	58.2	20.0	34.4	6.1	131.7	106.4	65.9
	S.D.	39	0.6	1.5	2.4	1.0	0.4	1.3	27.9	19.0	9.3
3-methoxybutan-1-ol	n	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	693	13.8	40.1	58.1	20.0	34.4	6.0	130.5	113.9	70.6
	S.D.	54	0.6	1.7	2.1	0.6	0.5	0.9	13.7	24.3	8.4

Test article Dose		NEUT %	EOS %	BASO %	MONO %	LUC %	#LYMP 10^2/μL	#NEUT 10^2/μL	#EOS 10^2/μL	#BASO 10^2/μL	#MONO 10^2/μL
3-methoxybutan-1-ol	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	34.1	0.9	0.2	5.2	1.3	56.0	33.0	0.8	0.2	5.0
	S.D.	7.6	0.3	0.1	1.3	0.6	11.3	10.4	0.3	0.1	1.3
3-methoxybutan-1-ol	n	5	5	5	5	5	5	5	5	5	5
100 mg/kg	Mean	39.3	0.8	0.2	3.9	0.9	65.0	47.0	0.8	0.3	4.5
	S.D.	7.4	0.9	0.1	1.0	0.4	14.4	13.8	0.6	0.1	1.3
3-methoxybutan-1-ol	n	5	5	5	5	5	5	5	5	5	5
300 mg/kg	Mean	28.8	0.6	0.3	3.7	0.8	70.2	30.3	0.6	0.3	4.1
	S.D.	9.3	0.2	0.1	1.2	0.3	17.6	10.9	0.2	0.1	1.9
3-methoxybutan-1-ol	n	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	23.5	0.6	0.3	4.3	0.7	79.3	27.7	0.6	0.3	5.1
	S.D.	8.9	0.2	0.1	1.6	0.4	12.9	13.7	0.2	0.2	2.8
				DT *						DT *	

Significantly different from 3-methoxybutan-1-ol 0 mg/kg : * P<0.05
DT : Dunnett test (two-side)

Table 6 - 4 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Hematology Stage : Lactation day 5
Sex : Female Species : Rat

Test article Dose		#LUC 10^2/μL	PT s	APTT s	FIB mg/dL
3-methoxybutan-1-ol	n	5	5	5	5
0 mg/kg	Mean	1.2	12.1	14.3	287
	S.D.	0.6	0.8	1.0	37
3-methoxybutan-1-ol	n	5	5	5	5
100 mg/kg	Mean	1.1	11.9	13.5	278
	S.D.	0.3	1.0	1.8	24
3-methoxybutan-1-ol	n	5	5	5	5
300 mg/kg	Mean	0.8	13.0	15.4	271
	S.D.	0.4	0.7	1.3	65
3-methoxybutan-1-ol	n	5	5	5	5
1000 mg/kg	Mean	0.8	12.9	15.5	244
	S.D.	0.4	0.4	2.0	28

Not significantly different from 3-methoxybutan-1-ol 0 mg/kg

Table 6 - 5 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Hematology Stage : End of administration
Sex : Female Species : Rat

Test article Dose		RBC 10^4/μL	HGB g/dL	HCT %	MCV fL	MCH pg	MCHC g/dL	RETIC %	PLT 10^4/μL	WBC 10^2/μL	LYMP %
3-methoxybutan-1-ol	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	798	15.7	43.8	54.9	19.7	35.9	1.9	110.5	52.0	76.2
	S.D.	15	0.4	1.1	1.0	0.3	0.2	0.4	11.0	8.0	6.6
3-methoxybutan-1-ol	n	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	790	15.2	42.9	54.4	19.2	35.4	1.7	107.3	47.7	76.1
	S.D.	18	0.5	1.8	1.6	0.5	0.5	0.5	13.7	11.6	4.8

Test article Dose		NEUT %	EOS %	BASO %	MONO %	LUC %	#LYMP 10^2/μL	#NEUT 10^2/μL	#EOS 10^2/μL	#BASO 10^2/μL	#MONO 10^2/μL
3-methoxybutan-1-ol	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	18.3	1.7	0.3	2.8	0.7	39.3	9.7	0.9	0.1	1.5
	S.D.	6.1	0.6	0.1	0.9	0.3	4.9	4.3	0.3	0.0	0.6
3-methoxybutan-1-ol	n	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	18.4	1.5	0.1	3.3	0.6	36.3	8.8	0.7	0.1	1.6
	S.D.	4.7	0.8	0.1	0.7	0.3	9.6	3.5	0.3	0.1	0.4
				T2 **							

Test article Dose		#LUC 10^2/μL	PT s	APTT s	FIB mg/dL
3-methoxybutan-1-ol	n	5	5	5	5
0 mg/kg	Mean	0.4	14.2	15.3	191
	S.D.	0.2	0.5	2.3	13
3-methoxybutan-1-ol	n	5	5	5	5
1000 mg/kg	Mean	0.3	14.2	15.7	183
	S.D.	0.1	0.6	1.0	25

Significantly different from 3-methoxybutan-1-ol 0 mg/kg : ** P<0.01
T2 : Student t-test (two-side)

Table 6 - 6 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Hematology 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	RETIC %	PLT 10^4/μL	WBC 10^2/μL	LYMP %
3-methoxybutan-1-ol	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	855	15.3	44.5	52.2	17.9	34.4	1.8	94.8	75.8	73.5
	S.D.	58	0.5	1.6	2.5	0.9	0.2	0.3	4.5	27.0	5.6
3-methoxybutan-1-ol	n	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	855	15.0	44.1	51.6	17.6	34.0	1.7	102.5	75.9	78.0
	S.D.	48	0.5	2.1	1.0	0.5	0.6	0.2	14.9	8.9	5.9

Test article Dose		NEUT %	EOS %	BASO %	MONO %	LUC %	#LYMP 10^2/μL	#NEUT 10^2/μL	#EOS 10^2/μL	#BASO 10^2/μL	#MONO 10^2/μL
3-methoxybutan-1-ol	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	17.8	2.5	0.2	5.1	0.8	56.9	12.6	1.7	0.2	3.8
	S.D.	4.5	1.2	0.0	1.3	0.3	25.1	1.6	0.5	0.1	1.0
3-methoxybutan-1-ol	n	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	15.8	1.6	0.3	3.2	1.1	59.2	12.0	1.2	0.2	2.5
	S.D.	4.9	0.6	0.0	0.7	0.4	8.3	3.8	0.4	0.1	0.6
					T2 *						T2 *

Test article Dose		#LUC 10^2/μL	PT s	APTT s	FIB mg/dL
3-methoxybutan-1-ol	n	5	5	5	5
0 mg/kg	Mean	0.6	15.7	17.5	297
	S.D.	0.2	4.4	2.5	55
3-methoxybutan-1-ol	n	5	5	5	5
1000 mg/kg	Mean	0.8	14.5	18.4	307
	S.D.	0.3	1.6	3.1	82

Significantly different from 3-methoxybutan-1-ol 0 mg/kg : * P<0.05
T2 : Student t-test (two-side)

Table 6 - 7 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Hematology Stage : End of recovery
Sex : Female Species : Rat

Test article Dose		RBC 10^4/μL	HGB g/dL	HCT %	MCV fL	MCH pg	MCHC g/dL	RETIC %	PLT 10^4/μL	WBC 10^2/μL	LYMP %
3-methoxybutan-1-ol	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	781	14.7	42.5	54.4	18.9	34.7	1.7	104.1	58.2	71.2
	S.D.	34	0.5	1.5	1.1	0.2	0.4	0.4	6.9	17.5	3.8
3-methoxybutan-1-ol	n	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	777	14.7	42.4	54.5	18.9	34.6	1.7	103.7	48.1	78.3
	S.D.	29	0.3	0.8	1.5	0.7	0.3	0.2	11.1	12.6	4.4
											T2 *

Test article Dose		NEUT %	EOS %	BASO %	MONO %	LUC %	#LYMP 10^2/μL	#NEUT 10^2/μL	#EOS 10^2/μL	#BASO 10^2/μL	#MONO 10^2/μL
3-methoxybutan-1-ol	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	22.4	2.0	0.2	3.7	0.6	41.2	13.2	1.2	0.1	2.2
	S.D.	3.2	0.5	0.1	1.0	0.2	11.9	4.9	0.6	0.0	1.0
3-methoxybutan-1-ol	n	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	15.8	1.8	0.2	3.2	0.8	38.0	7.2	0.9	0.1	1.5
	S.D.	4.6	0.3	0.1	1.0	0.3	11.7	1.6	0.3	0.0	0.6
		T2 *						A2 *			

Test article Dose		#LUC 10^2/μL	PT s	APTT s	FIB mg/dL
3-methoxybutan-1-ol	n	5	5	5	5
0 mg/kg	Mean	0.4	13.6	14.6	191
	S.D.	0.1	0.5	1.4	8
3-methoxybutan-1-ol	n	5	5	5	5
1000 mg/kg	Mean	0.4	13.4	15.0	200
	S.D.	0.2	0.3	1.7	13

Significantly different from 3-methoxybutan-1-ol 0 mg/kg : * P<0.05
A2 : Welch test (two-side), T2 : Student t-test (two-side)

Table 7 - 1 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Blood chemistry Stage : End of administration
Sex : Male Species : Rat

Test article Dose		AST IU/L	ALT IU/L	LDH IU/L	γ-GTP IU/L	ALP IU/L	T-BA μmol/L	T-CHO mg/dL	TG mg/dL	PL mg/dL	T-BIL mg/dL
3-methoxybutan-1-ol	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	66	34	60	1	342	12.6	58	39	90	0.1
	S.D.	10	4	14	0	55	11.3	9	17	12	0.0
3-methoxybutan-1-ol	n	5	5	5	5	5	5	5	5	5	5
100 mg/kg	Mean	60	42	52	0	381	9.8	55	44	89	0.1
	S.D.	4	7	8	1	33	5.9	5	34	13	0.0
3-methoxybutan-1-ol	n	5	5	5	5	5	5	5	5	5	5
300 mg/kg	Mean	64	36	46	1	374	20.7	64	34	93	0.1
	S.D.	11	8	5	1	26	13.2	14	6	16	0.0
3-methoxybutan-1-ol	n	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	63	38	49	1	456	11.4	48	21	78	0.1
	S.D.	10	10	9	0	128	5.4	4	13	7	0.0

Test article Dose		GLU mg/dL	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
3-methoxybutan-1-ol	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	131	17	0.26	144	4.4	107	9.7	5.8	5.8	3.0
	S.D.	12	2	0.02	2	0.1	2	0.2	0.5	0.2	0.0
3-methoxybutan-1-ol	n	5	5	5	5	5	5	5	5	5	5
100 mg/kg	Mean	138	17	0.25	144	4.7	107	9.6	5.9	5.6	3.0
	S.D.	20	1	0.03	1	0.3	1	0.2	0.6	0.2	0.1
3-methoxybutan-1-ol	n	5	5	5	5	5	5	5	5	5	5
300 mg/kg	Mean	144	16	0.26	144	4.6	108	9.7	6.0	5.6	3.0
	S.D.	19	1	0.04	0	0.2	1	0.3	0.4	0.4	0.2
3-methoxybutan-1-ol	n	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	124	19	0.30	144	4.6	106	9.7	6.8	5.7	3.1
	S.D.	10	6	0.04	1	0.2	1	0.1	0.4	0.1	0.1
									DT *		

Significantly different from 3-methoxybutan-1-ol 0 mg/kg : * P<0.05
DT : Dunnett test (two-side)

Table 7 - 2 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Blood chemistry Stage : End of administration
Sex : Male Species : Rat

Test article Dose		A/G
3-methoxybutan-1-ol 0 mg/kg	n	5
	Mean	1.1
	S.D.	0.1
3-methoxybutan-1-ol 100 mg/kg	n	5
	Mean	1.2
	S.D.	0.1
3-methoxybutan-1-ol 300 mg/kg	n	5
	Mean	1.2
	S.D.	0.1
3-methoxybutan-1-ol 1000 mg/kg	n	5
	Mean	1.2
	S.D.	0.1

Not significantly different from 3-methoxybutan-1-ol 0 mg/kg

Table 7 - 3 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Blood chemistry Stage : Lactation day 5
Sex : Female Species : Rat

Test article Dose		AST IU/L	ALT IU/L	LDH IU/L	γ-GTP IU/L	ALP IU/L	T-BA μmol/L	T-CHO mg/dL	TG mg/dL	PL mg/dL	T-BIL mg/dL
3-methoxybutan-1-ol	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	70	44	56	1	206	20.5	66	80	121	0.1
	S.D.	8	7	13	0	68	10.8	12	35	17	0.1
3-methoxybutan-1-ol	n	5	5	5	5	5	5	5	5	5	5
100 mg/kg	Mean	70	56	57	1	225	28.2	62	102	127	0.1
	S.D.	11	10	10	0	88	34.4	6	19	8	0.0
3-methoxybutan-1-ol	n	5	5	5	5	5	5	5	5	5	5
300 mg/kg	Mean	78	58	58	0	304	26.6	65	66	120	0.1
	S.D.	11	15	16	0	107	9.9	13	11	18	0.0
3-methoxybutan-1-ol	n	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	64	51	45	1	278	29.9	71	64	134	0.1
	S.D.	7	7	13	0	76	10.2	10	56	20	0.0

Test article Dose		GLU mg/dL	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
3-methoxybutan-1-ol	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	129	20	0.30	142	4.2	105	10.8	7.9	6.0	3.3
	S.D.	12	5	0.03	1	0.3	2	0.1	0.6	0.1	0.2
3-methoxybutan-1-ol	n	5	5	5	5	5	5	5	5	5	5
100 mg/kg	Mean	120	22	0.31	142	4.4	106	10.6	7.8	5.8	3.3
	S.D.	11	6	0.07	1	0.3	1	0.3	0.9	0.3	0.1
3-methoxybutan-1-ol	n	5	5	5	5	5	5	5	5	5	5
300 mg/kg	Mean	121	21	0.31	142	4.4	105	10.7	8.4	5.6	3.1
	S.D.	17	5	0.05	2	0.2	1	0.2	0.9	0.3	0.2
										DT *	
3-methoxybutan-1-ol	n	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	129	21	0.30	141	4.4	103	10.9	8.3	6.2	3.4
	S.D.	9	3	0.05	1	0.4	2	0.4	1.2	0.3	0.2

Significantly different from 3-methoxybutan-1-ol 0 mg/kg : * P<0.05
DT : Dunnett test (two-side)

Table 7 - 4 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Blood chemistry Stage : Lactation day 5
Sex : Female Species : Rat

Test article Dose		A/G
3-methoxybutan-1-ol 0 mg/kg	n	5
	Mean	1.2
	S.D.	0.1
3-methoxybutan-1-ol 100 mg/kg	n	5
	Mean	1.3
	S.D.	0.1
3-methoxybutan-1-ol 300 mg/kg	n	5
	Mean	1.3
	S.D.	0.1
3-methoxybutan-1-ol 1000 mg/kg	n	5
	Mean	1.2
	S.D.	0.1

Not significantly different from 3-methoxybutan-1-ol 0 mg/kg

Table 7 - 5 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Blood chemistry Stage : End of administration
Sex : Female Species : Rat

Test article Dose		AST IU/L	ALT IU/L	LDH IU/L	γ-GTP IU/L	ALP IU/L	T-BA μmol/L	T-CHO mg/dL	TG mg/dL	PL mg/dL	T-BIL mg/dL
3-methoxybutan-1-ol	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	63	40	60	1	194	18.3	75	52	150	0.1
	S.D.	10	10	17	0	38	7.9	8	36	26	0.0
3-methoxybutan-1-ol	n	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	60	41	43	1	216	20.1	65	20	123	0.1
	S.D.	9	15	12	0	78	10.3	12	8	19	0.0

Test article Dose		GLU mg/dL	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
3-methoxybutan-1-ol	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	135	18	0.31	143	4.4	109	10.0	4.2	6.4	3.7
	S.D.	15	3	0.01	1	0.3	2	0.3	0.8	0.4	0.3
3-methoxybutan-1-ol	n	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	121	18	0.32	142	4.3	107	9.8	5.4	6.0	3.4
	S.D.	23	4	0.02	2	0.3	2	0.4	1.2	0.3	0.2

Test article Dose		A/G
3-methoxybutan-1-ol	n	5
0 mg/kg	Mean	1.4
	S.D.	0.1
3-methoxybutan-1-ol	n	5
1000 mg/kg	Mean	1.3
	S.D.	0.2

Not significantly different from 3-methoxybutan-1-ol 0 mg/kg

Table 7 - 6 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Blood chemistry Stage : End of recovery
Sex : Male Species : Rat

Test article Dose		AST IU/L	ALT IU/L	LDH IU/L	γ-GTP IU/L	ALP IU/L	T-BA μmol/L	T-CHO mg/dL	TG mg/dL	PL mg/dL	T-BIL mg/dL
3-methoxybutan-1-ol	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	69	42	43	0	298	30.2	58	62	92	0.1
	S.D.	17	8	10	0	65	23.9	17	24	18	0.0
3-methoxybutan-1-ol	n	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	70	41	49	1	326	17.9	57	53	89	0.1
	S.D.	6	10	5	1	74	9.6	9	14	11	0.0

Test article Dose		GLU mg/dL	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
3-methoxybutan-1-ol	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	141	21	0.31	144	4.6	107	10.0	5.6	5.9	3.1
	S.D.	7	3	0.01	1	0.1	2	0.4	0.5	0.3	0.1
3-methoxybutan-1-ol	n	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	141	19	0.31	144	4.6	108	9.6	5.1	5.7	3.0
	S.D.	4	6	0.03	0	0.2	2	0.2	0.2	0.2	0.2

Test article Dose		A/G
3-methoxybutan-1-ol	n	5
0 mg/kg	Mean	1.1
	S.D.	0.1
3-methoxybutan-1-ol	n	5
1000 mg/kg	Mean	1.1
	S.D.	0.1

Not significantly different from 3-methoxybutan-1-ol 0 mg/kg

Table 7 - 7 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Blood chemistry Stage : End of recovery
Sex : Female Species : Rat

Test article Dose		AST IU/L	ALT IU/L	LDH IU/L	γ-GTP IU/L	ALP IU/L	T-BA μmol/L	T-CHO mg/dL	TG mg/dL	PL mg/dL	T-BIL mg/dL
3-methoxybutan-1-ol	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	64	35	35	1	167	15.8	74	47	145	0.1
	S.D.	13	11	6	0	41	6.4	11	18	17	0.0
3-methoxybutan-1-ol	n	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	61	35	36	1	166	12.2	74	33	136	0.1
	S.D.	5	4	5	0	52	2.2	11	8	14	0.0

Test article Dose		GLU mg/dL	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
3-methoxybutan-1-ol	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	134	20	0.34	141	4.2	107	9.9	3.8	6.3	3.6
	S.D.	16	3	0.02	2	0.3	2	0.2	0.7	0.3	0.2
3-methoxybutan-1-ol	n	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	125	21	0.35	143	4.1	109	9.9	3.9	6.1	3.7
	S.D.	13	4	0.04	2	0.2	2	0.2	0.4	0.2	0.3

Test article Dose		A/G
3-methoxybutan-1-ol	n	5
0 mg/kg	Mean	1.3
	S.D.	0.1
3-methoxybutan-1-ol	n	5
1000 mg/kg	Mean	1.5
	S.D.	0.1
		T2 *

Significantly different from 3-methoxybutan-1-ol 0 mg/kg : * P<0.05
T2 : Student t-test (two-side)

Table 8 - 1 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Organ weight Stage : End of administration
Sex : Male Species : Rat

Test article		Body weight	Brain		Pituitary		Thyroid-RL		Thymus	
			AB	RE	AB	RE	AB	RE	AB	RE
Dose		g	g	g/100g	mg	mg/100g	mg	mg/100g	mg	mg/100g
3-methoxybutan-1-ol	n	7	7	7	7	7	7	7	7	7
0 mg/kg	Mean	513	2.16	0.42	14.1	2.8	23.1	4.5	287	56
	S.D.	26	0.08	0.02	1.1	0.2	2.6	0.7	65	11
3-methoxybutan-1-ol	n	12	12	12	12	12	12	12	12	12
100 mg/kg	Mean	518	2.12	0.41	14.0	2.7	22.9	4.4	333	65
	S.D.	29	0.08	0.03	1.5	0.2	3.0	0.6	85	16
3-methoxybutan-1-ol	n	12	12	12	12	12	12	12	12	12
300 mg/kg	Mean	532	2.17	0.41	13.0	2.5	23.0	4.3	323	61
	S.D.	24	0.09	0.02	1.2	0.3	4.6	0.9	67	13
						DT *				
3-methoxybutan-1-ol	n	7	7	7	7	7	7	7	7	7
1000 mg/kg	Mean	508	2.14	0.42	12.6	2.5	23.8	4.7	287	56
	S.D.	15	0.05	0.02	0.7	0.1	4.6	0.9	48	8

Test article		Heart		Liver		Spleen		Kidney-RL		Adrenal-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
3-methoxybutan-1-ol	n	7	7	7	7	7	7	7	7	7	7
0 mg/kg	Mean	1.43	0.28	12.59	2.45	0.71	0.14	3.14	0.61	64	12
	S.D.	0.07	0.01	0.79	0.08	0.10	0.02	0.23	0.04	13	3
3-methoxybutan-1-ol	n	12	12	12	12	12	12	12	12	12	12
100 mg/kg	Mean	1.44	0.28	13.15	2.54	0.76	0.15	3.31	0.64	57	11
	S.D.	0.10	0.02	1.60	0.20	0.10	0.02	0.15	0.05	9	2
3-methoxybutan-1-ol	n	12	12	12	12	12	12	12	12	12	12
300 mg/kg	Mean	1.50	0.28	13.48	2.53	0.76	0.14	3.38	0.64	62	12
	S.D.	0.13	0.02	1.28	0.19	0.10	0.02	0.31	0.05	6	1
3-methoxybutan-1-ol	n	7	7	7	7	7	7	7	7	7	7
1000 mg/kg	Mean	1.49	0.29	13.14	2.58	0.74	0.14	3.59	0.70	58	11
	S.D.	0.08	0.01	0.71	0.09	0.08	0.02	0.31	0.05	7	1
								DT **	DT **		

AB : Absolute weight, RE : Relative weight by body weight
Significantly different from 3-methoxybutan-1-ol 0 mg/kg : * P<0.05, ** P<0.01
DT : Dunnett test (two-side)

Table 8 - 2 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Organ weight Stage : End of administration
Sex : Male Species : Rat

Test article		Testis-RL		Epididymis-RL		Prostate		Seminalvesicle	
		AB	RE	AB	RE	AB	RE	AB	RE
Dose		g	g/100g	mg	mg/100g	g	g/100g	g	g/100g
3-methoxybutan-1-ol	n	7	7	7	7	7	7	7	7
0 mg/kg	Mean	3.34	0.65	1331	260	1.29	0.25	1.80	0.35
	S.D.	0.25	0.05	101	18	0.18	0.03	0.17	0.04
3-methoxybutan-1-ol	n	12	12	12	12	12	12	12	12
100 mg/kg	Mean	3.45	0.67	1307	253	1.43	0.28	1.74	0.34
	S.D.	0.29	0.08	88	25	0.25	0.04	0.23	0.03
3-methoxybutan-1-ol	n	12	12	12	12	12	12	12	12
300 mg/kg	Mean	3.28	0.62	1273	240	1.31	0.24	1.75	0.33
	S.D.	0.21	0.06	86	21	0.19	0.03	0.24	0.04
3-methoxybutan-1-ol	n	7	7	7	7	7	7	7	7
1000 mg/kg	Mean	3.36	0.66	1308	257	1.30	0.26	1.92	0.38
	S.D.	0.18	0.02	70	15	0.14	0.03	0.19	0.03

AB : Absolute weight, RE : Relative weight by body weight
Not significantly different from 3-methoxybutan-1-ol 0 mg/kg

Table 8 - 3 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Organ weight Stage : Lactation day 5
Sex : Female Species : Rat

Test article		Body weight	Brain		Pituitary		Thyroid-RL		Thymus	
			AB	RE	AB	RE	AB	RE	AB	RE
Dose		g	g	g/100g	mg	mg/100g	mg	mg/100g	mg	mg/100g
3-methoxybutan-1-ol	n	12	12	12	12	12	12	12	12	12
0 mg/kg	Mean	325	1.96	0.61	17.4	5.4	16.0	5.0	227	70
	S.D.	14	0.05	0.03	3.1	1.1	1.7	0.6	61	17
3-methoxybutan-1-ol	n	11	11	11	11	11	11	11	11	11
100 mg/kg	Mean	321	1.97	0.62	17.6	5.5	17.5	5.4	211	66
	S.D.	13	0.06	0.03	2.5	0.8	2.1	0.7	48	13
3-methoxybutan-1-ol	n	11	11	11	11	11	11	11	11	11
300 mg/kg	Mean	324	2.00	0.62	17.7	5.5	18.5	5.7	225	70
	S.D.	20	0.07	0.04	1.8	0.7	2.9	1.1	31	10
							DT *			
3-methoxybutan-1-ol	n	12	12	12	12	12	12	12	12	12
1000 mg/kg	Mean	329	1.94	0.59	16.5	5.0	17.7	5.4	215	65
	S.D.	20	0.07	0.03	2.3	0.8	2.6	0.7	53	15

Test article		Heart		Liver		Spleen		Kidney-RL		Adrenal-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
3-methoxybutan-1-ol	n	12	12	12	12	12	12	12	12	12	12
0 mg/kg	Mean	1.04	0.32	10.11	3.12	0.69	0.21	2.22	0.68	74	23
	S.D.	0.08	0.03	0.46	0.17	0.08	0.03	0.16	0.05	9	3
3-methoxybutan-1-ol	n	11	11	11	11	11	11	11	11	11	11
100 mg/kg	Mean	1.00	0.31	9.74	3.03	0.72	0.23	2.18	0.68	76	24
	S.D.	0.05	0.02	0.86	0.19	0.09	0.03	0.17	0.05	6	2
3-methoxybutan-1-ol	n	11	11	11	11	11	11	11	11	11	11
300 mg/kg	Mean	1.02	0.31	10.01	3.08	0.73	0.23	2.24	0.69	78	24
	S.D.	0.07	0.02	1.07	0.22	0.10	0.03	0.18	0.05	12	4
3-methoxybutan-1-ol	n	12	12	12	12	12	12	12	12	12	12
1000 mg/kg	Mean	1.13	0.34	11.05	3.37	0.69	0.21	2.30	0.70	72	22
	S.D.	0.14	0.03	0.99	0.23	0.07	0.02	0.17	0.05	10	3
				DT *	DT *						

AB : Absolute weight, RE : Relative weight by body weight
Significantly different from 3-methoxybutan-1-ol 0 mg/kg : * P<0.05
DT : Dunnett test (two-side)

Table 8 - 4 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Organ weight Stage : Lactation day 5
Sex : Female Species : Rat

Test article Dose		Ovary-RL AB mg	 RE mg/100g	Uterus AB mg	 RE mg/100g
3-methoxybutan-1-ol	n	12	12	12	12
0 mg/kg	Mean	110.8	34.1	767	236
	S.D.	10.7	3.1	102	31
3-methoxybutan-1-ol	n	11	11	11	11
100 mg/kg	Mean	109.1	34.0	730	228
	S.D.	8.8	2.4	101	33
3-methoxybutan-1-ol	n	11	11	11	11
300 mg/kg	Mean	103.4	31.9	772	239
	S.D.	11.5	3.0	111	34
3-methoxybutan-1-ol	n	12	12	12	12
1000 mg/kg	Mean	103.3	31.5	790	240
	S.D.	11.7	3.2	115	29

AB : Absolute weight, RE : Relative weight by body weight
Not significantly different from 3-methoxybutan-1-ol 0 mg/kg

Table 8 - 5 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Organ weight Stage : End of administration
Sex : Female Species : Rat

Test article		Body weight	Brain		Pituitary		Thyroid-RL		Thymus	
			AB	RE	AB	RE	AB	RE	AB	RE
Dose		g	g	g/100g	mg	mg/100g	mg	mg/100g	mg	mg/100g
3-methoxybutan-1-ol	n	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	284	2.05	0.72	15.8	5.6	17.1	6.0	259	91
	S.D.	11	0.06	0.03	2.7	0.9	1.5	0.7	57	20
3-methoxybutan-1-ol	n	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	285	2.01	0.70	17.2	6.0	17.7	6.2	230	80
	S.D.	10	0.12	0.04	3.5	1.2	3.4	1.1	53	17

Test article		Heart		Liver		Spleen		Kidney-RL		Adrenal-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
3-methoxybutan-1-ol	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	0.94	0.33	6.99	2.46	0.53	0.19	1.76	0.62	63	22
	S.D.	0.12	0.04	0.74	0.17	0.10	0.03	0.07	0.01	7	3
3-methoxybutan-1-ol	n	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	0.95	0.33	7.56	2.65	0.52	0.18	2.00	0.70	65	23
	S.D.	0.04	0.02	0.41	0.14	0.06	0.02	0.17	0.04	4	1
								T2 *	A2 *		

Test article		Ovary-RL		Uterus	
		AB	RE	AB	RE
Dose		mg	mg/100g	mg	mg/100g
3-methoxybutan-1-ol	n	5	5	5	5
0 mg/kg	Mean	80.8	28.4	604	212
	S.D.	8.9	3.0	119	37
3-methoxybutan-1-ol	n	5	5	5	5
1000 mg/kg	Mean	78.4	27.5	643	225
	S.D.	8.7	3.0	184	64

AB : Absolute weight, RE : Relative weight by body weight
Significantly different from 3-methoxybutan-1-ol 0 mg/kg : * P<0.05
A2 : Welch test (two-side), T2 : Student t-test (two-side)

Table 8 - 6 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Organ weight Stage : End of recovery
Sex : Male Species : Rat

Test article		Body weight	Brain		Pituitary		Thyroid-RL		Thymus	
			AB	RE	AB	RE	AB	RE	AB	RE
Dose		g	g	g/100g	mg	mg/100g	mg	mg/100g	mg	mg/100g
3-methoxybutan-1-ol	n	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	562	2.12	0.38	14.3	2.5	22.3	4.0	324	57
	S.D.	31	0.19	0.04	2.9	0.4	5.9	1.1	109	18
3-methoxybutan-1-ol	n	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	538	2.17	0.41	13.0	2.4	24.4	4.6	263	49
	S.D.	22	0.10	0.02	1.9	0.3	5.1	0.9	59	11

Test article		Heart		Liver		Spleen		Kidney-RL		Adrenal-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
3-methoxybutan-1-ol	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	1.55	0.28	13.72	2.43	0.74	0.13	3.38	0.60	53	9
	S.D.	0.13	0.02	1.72	0.19	0.05	0.01	0.28	0.05	1	0
3-methoxybutan-1-ol	n	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	1.59	0.29	12.91	2.40	0.77	0.14	3.51	0.65	57	11
	S.D.	0.23	0.03	1.35	0.18	0.13	0.02	0.46	0.07	9	2

Test article		Testis-RL		Epididymis-RL		Prostate		Seminalvesicle	
		AB	RE	AB	RE	AB	RE	AB	RE
Dose		g	g/100g	mg	mg/100g	g	g/100g	g	g/100g
3-methoxybutan-1-ol	n	5	5	5	5	5	5	5	5
0 mg/kg	Mean	3.38	0.60	1364	242	1.30	0.23	1.78	0.32
	S.D.	0.40	0.04	188	22	0.18	0.05	0.15	0.04
3-methoxybutan-1-ol	n	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	3.26	0.61	1367	254	1.16	0.22	2.05	0.38
	S.D.	0.33	0.05	143	23	0.16	0.04	0.44	0.09

AB : Absolute weight, RE : Relative weight by body weight
Not significantly different from 3-methoxybutan-1-ol 0 mg/kg

Table 8 - 7 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Organ weight Stage : End of recovery
Sex : Female Species : Rat

Test article		Body weight	Brain		Pituitary		Thyroid-RL		Thymus	
			AB	RE	AB	RE	AB	RE	AB	RE
Dose		g	g	g/100g	mg	mg/100g	mg	mg/100g	mg	mg/100g
3-methoxybutan-1-ol	n	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	311	2.00	0.65	15.8	5.1	19.7	6.4	238	76
	S.D.	14	0.07	0.03	1.8	0.7	2.7	1.1	28	7
3-methoxybutan-1-ol	n	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	299	2.02	0.68	16.7	5.6	20.0	6.7	313	105
	S.D.	10	0.04	0.02	2.7	0.9	3.6	1.1	43	11
									T2 *	T2 **

Test article		Heart		Liver		Spleen		Kidney-RL		Adrenal-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
3-methoxybutan-1-ol	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	1.00	0.32	7.23	2.33	0.52	0.17	1.99	0.64	69	22
	S.D.	0.07	0.01	0.55	0.13	0.07	0.02	0.33	0.08	15	4
3-methoxybutan-1-ol	n	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	1.00	0.34	6.96	2.33	0.49	0.16	1.96	0.65	64	22
	S.D.	0.09	0.03	0.41	0.12	0.06	0.02	0.10	0.02	6	2

Test article		Ovary-RL		Uterus	
		AB	RE	AB	RE
Dose		mg	mg/100g	mg	mg/100g
3-methoxybutan-1-ol	n	5	5	5	5
0 mg/kg	Mean	87.4	28.0	786	253
	S.D.	15.0	3.6	133	37
3-methoxybutan-1-ol	n	5	5	5	5
1000 mg/kg	Mean	86.5	29.0	646	218
	S.D.	11.4	4.3	171	64

AB : Absolute weight, RE : Relative weight by body weight
Significantly different from 3-methoxybutan-1-ol 0 mg/kg : * P<0.05, ** P<0.01
T2 : Student t-test (two-side)

Study No. : R-1192

Table 9-1 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats
Gross pathological findings (End of administration period (D42))

Species : Rat

Organs	Sex:	M	M	M	M
	Dose(mg/kg):	0	100	300	1000
Findings	Number:	7	12	12	7
Kidney					
Cyst		0	0	1	0
Stomach					
Focus,dark red,glandular stomach		1	1	1	2

M : Male

Study No. : R-1192

Table 9-2 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats
Gross pathological findings (End of administration period (D42))

Species : Rat

Organs	Sex:	F	F
	Dose(mg/kg):	0	1000
Findings	Number:	5	5
Stomach			
Focus,dark red,glandular stomach		1	1

F : Female

Study No. : R-1192

Table 9-3 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats
Gross pathological findings (End of administration period (L4))

Species : Rat

Organs	Sex:	F	F	F	F
	Dose(mg/kg):	0	100	300	1000
Findings	Number:	12	11	11	12
Lung(bronchus)					
Focus,dark red		0	0	0	1
Stomach					
Focus,dark red,glandular stomach		0	1	1	0
Skin+Subcutis					
Nodule		0	0	0	1

F : Female

Study No. : R-1192

Table 9-4 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats
Gross pathological findings (End of recovery period)

Species : Rat

Organs	Sex:	M	M
	Dose(mg/kg):	0	1000
Findings	Number:	5	5
Skin,inguinal			
Focus,dark red		0	1
Stomach			
Focus,dark red,glandular stomach		1	1

M : Male

Study No. : R-1192

Table 9-5 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats
Gross pathological findings (End of recovery period)

Species : Rat

Organs	Sex:	F	F
	Dose(mg/kg):	0	1000
Findings	Number:	5	5
Stomach			
Focus,dark red,glandular stomach		1	1

F : Female

Study No. : R-1192

Table 9-6 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats
Gross pathological findings (Undelivered)

Species : Rat

Organs	Sex:	F
	Dose(mg/kg):	100
Findings	Number:	1
All tissues		
Not remarkable		1

F : Female

Study No. : R-1192

Table 9-7 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats
Gross pathological findings (Found dead)

Species : Rat

Organs	Sex:	F
	Dose(mg/kg):	300
Findings	Number:	1
Thoracic cavity		
Excess fluid		1

F : Female

Study No. : R-1192

Table 10-1 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats
Histopathological findings (End of administration period (D42))

Species : Rat

Organs / Findings	Sex:	M	M	M	M
	Dose(mg/kg):	0	100	300	1000
	Number:	7	12	12	7
Adrenal					
Number examined		5	1	0	5
Not remarkable		5	1	0	5
Bone+Bone marrow,femoral					
Number examined		5	1	0	5
Not remarkable		5	1	0	5
Cerebellum(pons)					
Number examined		5	1	0	5
Not remarkable		5	1	0	5
Cerebrum					
Number examined		5	1	0	5
Not remarkable		5	1	0	5
Epididymis					
Number examined		5	1	0	5
Not remarkable		5	1	0	5
Eye					
Number examined		5	1	0	5
Not remarkable		5	1	0	5
Heart					
Number examined		5	1	0	5
Not remarkable		4	0	0	5
Cell infiltration,focal		1	1	0	0
minimal		1	1	0	0
Intestine,duodenum					
Number examined		5	1	0	5
Not remarkable		5	1	0	5
Intestine,jejunum					
Number examined		5	1	0	5
Not remarkable		5	1	0	5
Intestine,ileum(Peyer's patch)					
Number examined		5	1	0	5
Not remarkable		5	1	0	5
Intestine,cecum					
Number examined		5	1	0	5
Not remarkable		5	1	0	5
Intestine,colon					
Number examined		5	1	0	5
Not remarkable		5	1	0	5
Intestine,rectum					
Number examined		5	1	0	5
Not remarkable		5	1	0	5
Kidney					
Number examined		5	1	0	5
Not remarkable		5	0	0	4
Basophilia,tubular		0	1	0	1
minimal		0	1	0	1

M : Male

Study No. : R-1192

Table 10-2 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats
Histopathological findings (End of administration period (D42))

Species : Rat

Organs / Findings	Sex:	M	M	M	M
	Dose(mg/kg):	0	100	300	1000
	Number:	7	12	12	7
Lymph node,mesenteric					
Number examined		5	1	0	5
Not remarkable		5	1	0	5
Lymph node,submandibular					
Number examined		5	1	0	5
Not remarkable		5	1	0	5
Liver					
Number examined		5	1	0	5
Not remarkable		2	1	0	3
Microgranuloma		3	0	0	2
minimal		3	0	0	2
Lung(bronchus)					
Number examined		5	1	0	5
Not remarkable		5	1	0	4
Aggregation,alveolar macrophage		0	0	0	1
minimal		0	0	0	1
Mammary gland,inguinal					
Number examined		5	1	0	5
Not remarkable		5	1	0	5
Optic nerve					
Number examined		5	1	0	5
Not remarkable		5	1	0	5
Parathyroid					
Number examined		5	1	0	4
Not remarkable		5	1	0	4
No sample		0	0	0	1
Pancreas					
Number examined		5	1	0	5
Not remarkable		5	1	0	4
Atrophy,acinar,focal		0	0	0	1
mild		0	0	0	1
Pituitary					
Number examined		5	1	0	5
Not remarkable		5	1	0	4
Cyst,pars distalis		0	0	0	1
minimal		0	0	0	1
Prostate					
Number examined		5	1	0	5
Not remarkable		1	1	0	1
Cell infiltration		4	0	0	4
minimal		4	0	0	4
Salivary gland,submandibular					
Number examined		5	1	0	5
Not remarkable		5	1	0	5
Salivary gland,sublingual					
Number examined		5	1	0	5
Not remarkable		5	1	0	5
Skin,inguinal					
Number examined		5	1	0	5
Not remarkable		5	1	0	5

M : Male

Study No. : R-1192

Table 10-3 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats
Histopathological findings (End of administration period (D42))

Species : Rat

Organs / Findings	Sex:	M	M	M	M
	Dose(mg/kg):	0	100	300	1000
	Number:	7	12	12	7
Sciatic nerve					
Number examined		5	1	0	5
Not remarkable		5	1	0	5
Spleen					
Number examined		5	1	0	5
Not remarkable		5	1	0	5
Stomach					
Number examined		5	1	0	5
Not remarkable		4	1	0	4
Erosion/Ulcer,glandular stomach		1	0	0	1
minimal		1	0	0	1
Skeletal muscle,femoral					
Number examined		5	1	0	5
Not remarkable		5	1	0	5
Seminal vesicle(Coagulating gland)					
Number examined		5	1	0	5
Not remarkable		5	1	0	5
Spinal cord,thoracic					
Number examined		5	1	0	5
Not remarkable		5	1	0	5
Testis					
Number examined		5	1	0	5
Not remarkable		5	1	0	5
Thymus					
Number examined		5	1	0	5
Not remarkable		5	1	0	5
Trachea					
Number examined		5	1	0	5
Not remarkable		5	1	0	5
Thyroid					
Number examined		5	1	0	5
Not remarkable		5	1	0	5
Urinary bladder					
Number examined		5	1	0	5
Not remarkable		5	1	0	5

M : Male

Study No. : R-1192

Table 10-4 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats
Histopathological findings (End of administration period (D42))

Species : Rat

Organs / Findings	Sex:	F	F
	Dose(mg/kg):	0	1000
	Number:	5	5
Adrenal			
Number examined		5	5
Not remarkable		5	5
Bone+Bone marrow,femoral			
Number examined		5	5
Not remarkable		5	5
Cerebellum(pons)			
Number examined		5	5
Not remarkable		5	5
Cerebrum			
Number examined		5	5
Not remarkable		5	5
Eye			
Number examined		5	5
Not remarkable		4	5
Dysplasia,retinal		1	0
minimal		1	0
Heart			
Number examined		5	5
Not remarkable		5	5
Intestine,duodenum			
Number examined		5	5
Not remarkable		5	5
Intestine,jejunum			
Number examined		5	5
Not remarkable		5	5
Intestine,ileum(Peyer's patch)			
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,rectum			
Number examined		5	5
Not remarkable		5	5
Kidney			
Number examined		5	5
Not remarkable		4	5
Fibrosis,focal		1	0
minimal		1	0
Liver			
Number examined		5	5
Not remarkable		5	3
Microgranuloma		0	2
minimal		0	2

F : Female

Study No. : R-1192

Table 10-5 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats
Histopathological findings (End of administration period (D42))

Species : Rat

Organs / Findings	Sex:	F	F
	Dose(mg/kg):	0	1000
	Number:	5	5
Lung(bronchus)			
Number examined		5	5
Not remarkable		4	5
Aggregation,alveolar macrophage		1	0
minimal		1	0
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
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
Pituitary			
Number examined		5	5
Not remarkable		5	5
Salivary gland,sublingual			
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
Skeletal muscle,femoral			
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

F : Female

Study No. : R-1192

Table 10-6 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats
Histopathological findings (End of administration period (D42))

Species : Rat

Organs	Sex:	F	F
	Dose(mg/kg):	0	1000
Findings	Number:	5	5
Spleen			
Number examined		5	5
Not remarkable		5	5
Stomach			
Number examined		5	5
Not remarkable		4	4
Erosion/Ulcer,glandular stomach		1	1
minimal		1	1
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

Study No. : R-1192

Table 10-7 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats
Histopathological findings (End of administration period (L4))

Species : Rat

Organs / Sex:	F	F	F	F
Dose(mg/kg):	0	100	300	1000
Findings / Number:	12	11	11	12
Adrenal				
Number examined	5	0	0	5
Not remarkable	5	0	0	5
Bone+Bone marrow,femoral				
Number examined	5	0	0	5
Not remarkable	5	0	0	5
Cerebellum(pons)				
Number examined	5	0	0	5
Not remarkable	5	0	0	5
Cerebrum				
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,duodenum				
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,ileum(Peyer's patch)				
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,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	0	0	5
Not remarkable	5	0	0	4
Microgranuloma	0	0	0	1
minimal	0	0	0	1
Lung(bronchus)				
Number examined	5	0	0	5
Not remarkable	5	0	0	4
Hemorrhage,focal	0	0	0	1
minimal	0	0	0	1

F : Female

Study No. : R-1192

Table 10-8 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats
Histopathological findings (End of administration period (L4))

Species : Rat

Organs / Findings	Sex:	F	F	F	F
	Dose(mg/kg):	0	100	300	1000
	Number:	12	11	11	12
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
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
Pituitary					
Number examined		5	0	0	5
Not remarkable		5	0	0	5
Salivary gland,sublingual					
Number examined		5	0	0	5
Not remarkable		5	0	0	5
Salivary gland,submandibular					
Number examined		5	0	0	5
Not remarkable		5	0	0	5
Sciatic nerve					
Number examined		5	0	0	5
Not remarkable		5	0	0	5
Skeletal muscle,femoral					
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

F : Female

Study No. : R-1192

Table 10-9 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats
Histopathological findings (End of administration period (L4))

Species : Rat

Organs	Sex:	F	F	F	F
	Dose(mg/kg):	0	100	300	1000
Findings	Number:	12	11	11	12
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
Mammary gland,pubic					
Number examined		0	0	0	1
ADENOCARCINOMA		0	0	0	1
present		0	0	0	1

F : Female

Study No. : R-1192

Table 10-10 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats
Histopathological findings (End of recovery period)

Species : Rat

Organs / Findings	Sex:	M	M
	Dose(mg/kg):	0	1000
	Number:	5	5
Adrenal			
Number examined		5	5
Not remarkable		5	5
Bone+Bone marrow,femoral			
Number examined		5	5
Not remarkable		5	5
Cerebellum(pons)			
Number examined		5	5
Not remarkable		5	5
Cerebrum			
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	5
Cell infiltration,focal		1	0
minimal		1	0
Intestine,duodenum			
Number examined		5	5
Not remarkable		5	5
Intestine,jejunum			
Number examined		5	5
Not remarkable		5	5
Intestine,ileum(Peyer's patch)			
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,rectum			
Number examined		5	5
Not remarkable		5	5
Kidney			
Number examined		5	5
Not remarkable		5	5
Liver			
Number examined		5	5
Microgranuloma		5	5
minimal		5	5

M : Male

Study No. : R-1192

Table 10-11 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats
Histopathological findings (End of recovery period)

Species : Rat

Organs	Sex:	M	M
	Dose(mg/kg):	0	1000
Findings	Number:	5	5
Lung(bronchus)			
Number examined		5	5
Not remarkable		5	4
Aggregation,alveolar macrophage		0	1
minimal		0	1
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
Optic nerve			
Number examined		5	5
Not remarkable		5	5
Pancreas			
Number examined		5	5
Not remarkable		4	5
Fibrosis,islet		1	0
minimal		1	0
Parathyroid			
Number examined		4	5
Not remarkable		4	5
No sample		1	0
Pituitary			
Number examined		5	5
Not remarkable		5	5
Prostate			
Number examined		5	5
Not remarkable		2	2
Cell infiltration		3	3
minimal		2	1
mild		1	2
Salivary gland,sublingual			
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
Seminal vesicle(Coagulating gland)			
Number examined		5	5
Not remarkable		5	5

M : Male

Study No. : R-1192

Table 10-12 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats
Histopathological findings (End of recovery period)

Species : Rat

Organs / Findings	Sex:	M	M
	Dose(mg/kg):	0	1000
	Number:	5	5
Skeletal muscle,femoral			
Number examined		5	5
Not remarkable		5	5
Skin,inguinal			
Number examined		5	5
Not remarkable		5	4
Hemorrhage,subcutaneous		0	1
mild		0	1
Cell infiltration,subcutaneous		0	1
mild		0	1
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		4	4
Erosion/Ulcer,glandular stomach		1	1
minimal		1	0
mild		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
Urinary bladder			
Number examined		5	5
Not remarkable		5	5

M : Male

Study No. : R-1192

Table 10-13 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats
Histopathological findings (End of recovery period)

Species : Rat

Organs / Findings	Sex:	F	F
	Dose(mg/kg):	0	1000
	Number:	5	5
Adrenal			
Number examined		5	5
Not remarkable		5	5
Bone+Bone marrow,femoral			
Number examined		5	5
Not remarkable		5	5
Cerebellum(pons)			
Number examined		5	5
Not remarkable		5	5
Cerebrum			
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,duodenum			
Number examined		5	5
Not remarkable		5	5
Intestine,jejunum			
Number examined		5	5
Not remarkable		5	5
Intestine,ileum(Peyer's patch)			
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,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		3	5
Microgranuloma		2	0
minimal		2	0
Lung(bronchus)			
Number examined		5	5
Not remarkable		4	5
Aggregation,alveolar macrophage		1	0
minimal		1	0

F : Female

Study No. : R-1192

Table 10-14 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats
Histopathological findings (End of recovery period)

Species : Rat

Organs / Sex:	F	F
Dose(mg/kg):	0	1000
Findings / Number:	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
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
Pituitary		
Number examined	5	5
Not remarkable	4	4
Cyst,pars distalis	1	1
minimal	1	1
Salivary gland,sublingual		
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
Skeletal muscle,femoral		
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

F : Female

Study No. : R-1192

Table 10-15 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats
Histopathological findings (End of recovery period)

Species : Rat

Organs	Sex:	F	F
	Dose(mg/kg):	0	1000
Findings	Number:	5	5
Spleen			
Number examined		5	5
Not remarkable		5	5
Stomach			
Number examined		5	5
Not remarkable		4	4
Erosion/Ulcer,glandular stomach		1	1
minimal		1	1
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

Study No. : R-1192

Table 10-16 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats
Histopathological findings (Undelivered)

Species : Rat

Organs	Sex:	F
	Dose(mg/kg):	100
Findings	Number:	1
Adrenal		
Number examined		1
Not remarkable		1
Bone+Bone marrow,femoral		
Number examined		1
Not remarkable		1
Cerebellum(pons)		
Number examined		1
Not remarkable		1
Cerebrum		
Number examined		1
Not remarkable		1
Eye		
Number examined		1
Not remarkable		1
Heart		
Number examined		1
Not remarkable		1
Intestine,duodenum		
Number examined		1
Not remarkable		1
Intestine,jejunum		
Number examined		1
Not remarkable		1
Intestine,ileum(Peyer's patch)		
Number examined		1
Not remarkable		1
Intestine,cecum		
Number examined		1
Not remarkable		1
Intestine,colon		
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
Lung(bronchus)		
Number examined		1
Not remarkable		1

F : Female

Study No. : R-1192

Table 10-17 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats
Histopathological findings (Undelivered)

Species : Rat

Organs	Sex:	F
	Dose(mg/kg):	100
Findings	Number:	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
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
Pituitary		
Number examined		1
Not remarkable		1
Salivary gland,sublingual		
Number examined		1
Not remarkable		1
Salivary gland,submandibular		
Number examined		1
Not remarkable		1
Sciatic nerve		
Number examined		1
Not remarkable		1
Skeletal muscle,femoral		
Number examined		1
Not remarkable		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

F : Female

Study No. : R-1192

Table 10-18 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats
Histopathological findings (Undelivered)

Species : Rat

Organs	Sex:	F
	Dose(mg/kg):	100
Findings	Number:	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
Not remarkable		1

F : Female

Study No. : R-1192

Table 10-19 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats
Histopathological findings (Found dead)

Species : Rat

Organs	Sex:	F
	Dose(mg/kg):	300
Findings	Number:	1
Adrenal		
Number examined		1
Hypertrophy,cortical cell		1
mild		1
Bone+Bone marrow,femoral		
Number examined		1
Not remarkable		1
Cerebellum(pons)		
Number examined		1
Not remarkable		1
Cerebrum		
Number examined		1
Not remarkable		1
Eye		
Number examined		1
Not remarkable		1
Heart		
Number examined		1
Not remarkable		1
Intestine,duodenum		
Number examined		1
Not remarkable		1
Intestine,jejunum		
Number examined		1
Not remarkable		1
Intestine,ileum(Peyer's patch)		
Number examined		1
Atrophy,Peyer's patch		1
minimal		1
Intestine,cecum		
Number examined		1
Not remarkable		1
Intestine,colon		
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
Necrosis,focal		1
minimal		1
Lung(bronchus)		
Number examined		1
Not remarkable		1

F : Female

Study No. : R-1192

Table 10-20 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats
Histopathological findings (Found dead)

Species : Rat

Organs	Sex:	F
	Dose(mg/kg):	300
Findings	Number:	1
Lymph node,mesenteric		
Number examined		1
Atrophy		1
minimal		1
Lymph node,submandibular		
Number examined		1
Atrophy		1
minimal		1
Mammary gland,inguinal		
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
Pituitary		
Number examined		1
Cyst,pars distalis		1
minimal		1
Salivary gland,sublingual		
Number examined		1
Not remarkable		1
Salivary gland,submandibular		
Number examined		1
Hypertrophy,acinar cell,diffuse		1
mild		1
Sciatic nerve		
Number examined		1
Not remarkable		1
Skeletal muscle,femoral		
Number examined		1
Not remarkable		1
Skin,inguinal		
Number examined		1
Not remarkable		1
Spinal cord,thoracic		
Number examined		1
Not remarkable		1

F : Female

Study No. : R-1192

Table 10-21 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats
Histopathological findings (Found dead)

Species : Rat

Organs	Sex:	F
	Dose(mg/kg):	300
Findings	Number:	1
Spleen		
Number examined		1
Atrophy,white pulp		1
mild		1
Stomach		
Number examined		1
Not remarkable		1
Thymus		
Number examined		1
Atrophy		1
minimal		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
Not remarkable		1

F : Female

Table 11 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

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 (%)
3-methoxybutan-1-ol 0 mg/kg	n	12	12	12 (0)	0.0
	Mean	4.0	3.7		
	S.D.	0.1	0.5		
3-methoxybutan-1-ol 100 mg/kg	n	12	12	12 (1)	8.3
	Mean	4.3	3.3		
	S.D.	0.4	0.7		
3-methoxybutan-1-ol 300 mg/kg	n	12	12	12 (0)	0.0
	Mean	4.1	3.8		
	S.D.	0.2	0.5		
3-methoxybutan-1-ol 1000 mg/kg	n	12	12	12 (1)	8.3
	Mean	4.4	3.5		
	S.D.	0.9	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 3-methoxybutan-1-ol 0 mg/kg

Table 12 - 1 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

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)
3-methoxybutan-1-ol	n	12	12	(12/12)	(12/12)
0 mg/kg	Mean		2.5	100.0	100.0
	S.D.		1.2		
3-methoxybutan-1-ol	n	12	12	(12/12)	(11/12)
100 mg/kg	Mean		2.7	100.0	91.7
	S.D.		2.3		
3-methoxybutan-1-ol	n	12	12	(12/12)	(12/12)
300 mg/kg	Mean		2.4	100.0	100.0
	S.D.		1.1		
3-methoxybutan-1-ol	n	12	12	(12/12)	(12/12)
1000 mg/kg	Mean		2.1	100.0	100.0
	S.D.		1.2		

Not significantly different from 3-methoxybutan-1-ol 0 mg/kg
a) : (Number of copulated animals / Number of mated animals) × 100
b) : (Number of males which impregnated females / Number of copulated males) × 100

Table 12 - 2 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

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)
3-methoxybutan-1-ol	n	12	12	(12/12)	(12/12)
0 mg/kg	Mean		2.5	100.0	100.0
	S.D.		1.2		
3-methoxybutan-1-ol	n	12	12	(12/12)	(11/12)
100 mg/kg	Mean		2.7	100.0	91.7
	S.D.		2.3		
3-methoxybutan-1-ol	n	12	12	(12/12)	(12/12)
300 mg/kg	Mean		2.4	100.0	100.0
	S.D.		1.1		
3-methoxybutan-1-ol	n	12	12	(12/12)	(12/12)
1000 mg/kg	Mean		2.1	100.0	100.0
	S.D.		1.2		

Not significantly different from 3-methoxybutan-1-ol 0 mg/kg
a) : (Number of copulated animals / Number of mated animals) × 100
b) : (Number of pregnant females / Number of copulated females) × 100

Table 13 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Delivery data
Generation : F0 Species : Rat

Test article Dose		Gestation period (day)	Gestation index (%) a)	Number of corpora lutea	Number of implan-tation	Preimplan-tation loss (%) b)	Implantation index (%) c)	Delivery index (%) d)	Live birth index (%) e)	Number of offspring	Number of live newborns M	F	Total	Sex ratio (%) live-borns f)	delivered pups g)	Number of dead newborns
3-methoxybutan-1-ol	n	12	12/12	12	12	12	12	12	12	12	12	12	12	90/178	91/180	12
0 mg/kg	Mean	22.0	100.0	16.7	15.9	4.2	95.8	94.5	98.9	15.0	7.5	7.3	14.8	50.6	50.6	0.2
	S.D.	0.5		1.7	1.2	5.3	5.3	6.4	2.5	1.0	2.6	2.1	0.9			0.4
3-methoxybutan-1-ol	n	11	11/11	11	11	11	11	11	11	11	11	11	11	75/158	75/159	11
100 mg/kg	Mean	22.1	100.0	16.2	15.5	4.6	95.4	93.7	99.5	14.5	6.8	7.5	14.4	47.5	47.2	0.1
	S.D.	0.4		2.3	2.8	6.0	5.9	13.0	1.7	2.9	1.9	3.1	2.8			0.3
3-methoxybutan-1-ol	n	12	12/12	12	12	12	12	12	12	12	12	12	12	97/179	97/181	12
300 mg/kg	Mean	21.9	100.0	16.9	16.0	5.9	94.1	94.4	98.9	15.1	8.1	6.8	14.9	54.2	53.6	0.2
	S.D.	0.4		2.5	3.2	11.3	11.3	6.5	2.5	3.2	2.8	1.7	3.2			0.4
3-methoxybutan-1-ol	n	12	12/12	12	12	12	12	12	12	12	12	12	12	81/154	84/157	12
1000 mg/kg	Mean	21.8	100.0	14.8	14.3	4.2	95.8	90.3	97.3	13.1	6.8	6.1	12.8	52.6	53.5	0.3
	S.D.	0.3		2.7	2.8	6.3	6.3	12.4	5.3	3.6	2.4	2.1	3.8			0.5

M : Male, F : Female
Not significantly different from 3-methoxybutan-1-ol 0 mg/kg
a) : (Number of females which delivered liveborns / Number of pregnant females) × 100
b) : [(Number of corpora lutea - Number of implantation) / Number of corpora lutea] × 100
c) : (Number of implantation / Number of corpora lutea) × 100
d) : (Number of delivered pups / Number of implantation) × 100
e) : (Number of live borns / Number of delivered pups) × 100
f) : (Number of liveborn males / Number of liveborns) × 100
g) : (Number of delivered males / Number of delivered pups) × 100

Table 14 - 1 3-methoxybutan-1-ol: 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-1192

Days after birth : 0

Species : Rat

Test article	3-methoxybutan-1-ol	3-methoxybutan-1-ol	3-methoxybutan-1-ol	3-methoxybutan-1-ol
Dose	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Number of dams	12	11	12	12
Number of offspring	180	159	181	157
Number of offspring with any anomaly (incidence %)a)	0(0.0)	0(0.0)	0(0.0)	0(0.0)

Not significantly different from 3-methoxybutan-1-ol 0 mg/kg

a) : (Number of offspring with any anomaly / Number of offspring) x 100

Table 14 - 2 3-methoxybutan-1-ol: 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-1192
Days after birth : 4
Species : Rat

Test article	3-methoxybutan-1-ol	3-methoxybutan-1-ol	3-methoxybutan-1-ol	3-methoxybutan-1-ol
Dose	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Number of dams	12	11	11a)	12
Number of offspring	172	158	159	146
Number of offspring with any anomaly	0	0	0	0

a) : One dam died on lactation day 1

Table 15 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Viability index and sex ratio of offspring on day 4 after birth

Generation : F0 Species : Rat

Test article Dose		Number of live offspring Day 0	 Day 4	Viability index (%)a)	Sex ratio (%)b)
3-methoxybutan-1-ol	n	12	12	12	87/172
0 mg/kg	Mean	14.8	14.3	96.5	50.6
	S.D.	0.9	1.6	8.3	
3-methoxybutan-1-ol	n	11	11	11	75/158
100 mg/kg	Mean	14.4	14.4	100.0	47.5
	S.D.	2.8	2.8	0.0	
3-methoxybutan-1-ol	n	11 c)	11	11	83/159
300 mg/kg	Mean	14.7	14.5	98.4	52.2
	S.D.	3.3	3.0	3.6	
3-methoxybutan-1-ol	n	12	12	12	76/146
1000 mg/kg	Mean	12.8	12.2	95.1	52.1
	S.D.	3.8	3.7	6.7	

a) : (Number of live offspring on day 4 after birth / Number of live newborns) × 100

b) : (Number of live males on day 4 after birth / Number of live offspring on day 4 after birth) × 100

c) : One dam died on lactation day 1

Not significantly different from 3-methoxybutan-1-ol 0 mg/kg

Table 16 - 1 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Body weight of offspring
Generation : F0 Unit : g Species : Rat

Test article Dose			/Days after birth 0	 4/Pre-culled
3-methoxybutan-1-ol 0 mg/kg	Male	n	12	12
		Mean	6.6	10.2
		S.D.	0.2	0.6
	Female	n	12	12
		Mean	6.2	9.4
		S.D.	0.4	0.8
3-methoxybutan-1-ol 100 mg/kg	Male	n	11	11
		Mean	6.5	10.2
		S.D.	0.4	1.4
	Female	n	11	11
		Mean	6.2	9.8
		S.D.	0.5	1.2
3-methoxybutan-1-ol 300 mg/kg	Male	n	12	11 a)
		Mean	6.2	9.8
		S.D.	0.4	1.1
			ST *	
	Female	n	12	11 a)
		Mean	6.0	9.5
		S.D.	0.4	1.1
3-methoxybutan-1-ol 1000 mg/kg	Male	n	12	12
		Mean	6.5	10.1
		S.D.	0.8	1.6
	Female	n	12	12
		Mean	6.2	9.8
		S.D.	0.8	1.8

Significantly different from 3-methoxybutan-1-ol 0 mg/kg : * P<0.05
ST : Steel test (two-side)
a) : One dam died on lactation day 1

Table 16 - 2 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Body weight gain of offspring Base : Day 4 after birth
Generation : F0 Unit : g Species : Rat

Test article Dose			/Days after birth /Before culling 0-4
3-methoxybutan-1-ol 0 mg/kg	Male	n	12
		Mean	3.6
		S.D.	0.5
	Female	n	12
		Mean	3.1
		S.D.	0.7
3-methoxybutan-1-ol 100 mg/kg	Male	n	11
		Mean	3.7
		S.D.	1.1
	Female	n	11
		Mean	3.6
		S.D.	1.0
3-methoxybutan-1-ol 300 mg/kg	Male	n	11 a)
		Mean	3.6
		S.D.	0.9
	Female	n	11 a)
		Mean	3.6
		S.D.	0.9
3-methoxybutan-1-ol 1000 mg/kg	Male	n	12
		Mean	3.7
		S.D.	0.9
	Female	n	12
		Mean	3.6
		S.D.	1.1

Not significantly different from 3-methoxybutan-1-ol 0 mg/kg
a) : One dam died on lactation day 1

Table 17 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats
External examination of dead offspring
Generation : F0

Study No. : R-1192

Species : Rat

Test article	3-methoxybutan-1-ol	3-methoxybutan-1-ol	3-methoxybutan-1-ol	3-methoxybutan-1-ol
Dose	0 mg/kg	100 mg/kg	300 mg/kg	1000 mg/kg
Number of dams	12	11	12	12
Number of offspring	1	0	1	4
Number of offspring with any anomaly	0	0	0	0

Study No.: R-1192

Appendix 1-1 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats

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

Sex : Male Dose : 3-methoxybutan-1-ol 0 mg/kg Species : Rat

Animal No.	/Day 1	2	3	4	5	6	7	8	9	10	11	12	13	14
1001	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1002	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1003	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1004	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1005	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1006	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1007	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1008	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1009	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1010	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1011	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1012	-	-	-	-	-	-	-	-	-	-	-	-	-	-

- : No abnormal findings

Study No.: R-1192

Appendix 1-2 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats

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

Sex : Male Dose : 3-methoxybutan-1-ol 0 mg/kg Species : Rat

Animal No.	/Day 15	16	17	18	19	20	21	22	23	24	25	26	27	28
1001	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1002	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1003	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1004	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1005	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1006	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1007	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1008	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1009	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1010	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1011	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1012	-	-	-	-	-	-	-	-	-	-	-	-	-	-

- : No abnormal findings

Study No.: R-1192

Appendix 1-3 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats

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

Sex : Male Dose : 3-methoxybutan-1-ol 0 mg/kg Species : Rat

Animal No.	/Day 29	30	31	32	33	34	35	36	37	38	39	40	41	42	43a)
1001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1003	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1004	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1006	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1007	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1008	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1009	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1010	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1011	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

a) : Day of necropsy
- : No abnormal findings

Study No.: R-1192

Appendix 1-4 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats

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

Sex : Male Dose : 3-methoxybutan-1-ol 100 mg/kg Species : Rat

Animal No.	/Day 1	2	3	4	5	6	7	8	9	10	11	12	13	14
2001	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2002	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2003	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2004	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2005	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2006	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2007	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2008	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2009	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2011	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2012	-	-	-	-	-	-	-	-	-	-	-	-	-	-

- : No abnormal findings

Study No.: R-1192

Appendix 1-5 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats

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

Sex : Male Dose : 3-methoxybutan-1-ol 100 mg/kg Species : Rat

Animal No.	/Day 15	16	17	18	19	20	21	22	23	24	25	26	27	28
2001	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2002	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2003	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2004	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2005	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2006	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2007	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2008	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2009	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2011	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2012	-	-	-	-	-	-	-	-	-	-	-	-	-	-

- : No abnormal findings

Study No.: R-1192

Appendix 1-6 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats

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

Sex : Male Dose : 3-methoxybutan-1-ol 100 mg/kg Species : Rat

Animal No.	/Day 29	30	31	32	33	34	35	36	37	38	39	40	41	42	43a)
2001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2003	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2004	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2006	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2007	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2008	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2009	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2010	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2011	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

a) : Day of necropsy
- : No abnormal findings

Study No.: R-1192

Appendix 1-7 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats

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

Sex : Male Dose : 3-methoxybutan-1-ol 300 mg/kg Species : Rat

Animal No.	/Day 1	2	3	4	5	6	7	8	9	10	11	12	13	14
3001	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3002	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3003	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3004	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3005	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3006	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3007	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3008	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3009	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3010	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3011	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3012	-	-	-	-	-	-	-	-	-	-	-	-	-	-

- : No abnormal findings

Study No.: R-1192

Appendix 1-8 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats

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

Sex : Male Dose : 3-methoxybutan-1-ol 300 mg/kg Species : Rat

Animal No.	/Day 15	16	17	18	19	20	21	22	23	24	25	26	27	28
3001	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3002	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3003	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3004	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3005	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3006	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3007	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3008	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3009	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3010	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3011	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3012	-	-	-	-	-	-	-	-	-	-	-	-	-	-

- : No abnormal findings

Study No.: R-1192

Appendix 1-9 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats

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

Sex : Male Dose : 3-methoxybutan-1-ol 300 mg/kg Species : Rat

Animal No.	/Day 29	30	31	32	33	34	35	36	37	38	39	40	41	42	43a)
3001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3003	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3004	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3006	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3007	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3008	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3009	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3010	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3011	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

a) : Day of necropsy
- : No abnormal findings

Study No.: R-1192

Appendix 1-10 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats

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

Sex : Male Dose : 3-methoxybutan-1-ol 1000 mg/kg Species : Rat

Animal No.	/Day 1	2	3	4	5	6	7	8	9	10	11	12	13	14
4001	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4002	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4003	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4004	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4005	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4006	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4007	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4008	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4009	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4010	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4011	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4012	-	-	-	-	-	-	-	-	-	-	-	-	-	-

- : No abnormal findings

Study No.: R-1192

Appendix 1-11 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats

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

Sex : Male Dose : 3-methoxybutan-1-ol 1000 mg/kg Species : Rat

Animal No.	/Day 15	16	17	18	19	20	21	22	23	24	25	26	27	28
4001	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4002	-	-	-	-	-	-	-	-	-	-	-	-	A	-
4003	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4004	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4005	-	-	-	-	-	-	-	-	-	-	-	-	A	A
4006	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4007	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4008	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4009	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4010	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4011	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4012	-	-	-	-	-	-	-	-	-	-	-	-	-	-

- : No abnormal findings
A : Salivation

Study No.: R-1192

Appendix 1-12 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats

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

Sex : Male Dose : 3-methoxybutan-1-ol 1000 mg/kg Species : Rat

Animal No.	/Day 29	30	31	32	33	34	35	36	37	38	39	40	41	42	43a)
4001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4003	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4004	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4005	-	-	-	-	-	-	-	A	-	A	-	-	-	A	-
4006	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4007	-	-	-	-	-	-	-	A	-	A	A	A	-	A	-
4008	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4009	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4010	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4011	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

a) : Day of necropsy
- : No abnormal findings
A : Salivation

Study No.: R-1192

Appendix 1-13 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats

Clinical signs Period : F0 before mating Day 1-15

Sex : Female Dose : 3-methoxybutan-1-ol 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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

- : No abnormal findings

Study No.: R-1192

Appendix 1-14 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats

Clinical signs Period : F0 before mating Day 1-15

Sex : Female Dose : 3-methoxybutan-1-ol 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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

- : No abnormal findings

Study No.: R-1192

Appendix 1-15 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats

Clinical signs Period : F0 before mating Day 1-15

Sex : Female Dose : 3-methoxybutan-1-ol 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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

- : No abnormal findings

Study No.: R-1192

Appendix 1-16 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats

Clinical signs Period : F0 before mating Day 1-15

Sex : Female Dose : 3-methoxybutan-1-ol 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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

- : No abnormal findings

Study No.: R-1192

Appendix 1-17 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats

Clinical signs Period : F0 gestation Day 0-25

Sex : Female Dose : 3-methoxybutan-1-ol 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
1101	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	d
1102	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	d
1103	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-/d
1104	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-/d	
1105	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-/d	
1106	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	d
1107	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-/d	
1108	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-/d
1109	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-/d	
1110	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	d
1111	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-/d
1112	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-/d	

- : No abnormal findings
d : Delivery
/d : Found delivery after the observation of general conditions.

Study No.: R-1192

Appendix 1-18 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats

Clinical signs Period : F0 gestation Day 0-25

Sex : Female Dose : 3-methoxybutan-1-ol 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
2101	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	d
2102	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	d
2103	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-/d	
2104	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	d
2105	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-/d
2106	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	d
2107	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-/d
2109	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	d
2110	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-/d	
2111	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	d
2112	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	d

- : No abnormal findings
d : Delivery
/d : Found delivery after the observation of general conditions.
Animal No. 2108 : Non-pregnancy

Study No.: R-1192

Appendix 1-19 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats

Clinical signs Period : F0 gestation Day 0-25

Sex : Female Dose : 3-methoxybutan-1-ol 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
3101	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-/d
3102	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	d
3103	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-/d	
3104	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	d
3105	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-/d	
3106	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	d
3107	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-/d	
3108	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	d
3109	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	d
3110	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-/d	
3111	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-/d	
3112	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-/d

- : No abnormal findings
d : Delivery
/d : Found delivery after the observation of general conditions.

Study No.: R-1192

Appendix 1-20 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats

Clinical signs Period : F0 gestation Day 0-25

Sex : Female Dose : 3-methoxybutan-1-ol 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
4101	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	d
4102	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	d
4103	-	-	-	-	-	-	-	-	A	-	-	-	-	-	-	-	-	-	-	-	-	-/d	
4104	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-/d	
4105	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	d
4106	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-/d	
4107	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-/d	
4108	-	-	-	-	-	-	-	-	-	-	-	A	-	-	-	-	-	-	-	-	-	-	d
4109	-	-	-	-	-	-	-	-	-	-	-	A	-	-	-	-	-	-	-	-	-	-/d	
4110	-	-	-	-	-	-	-	-	-	-	-	-	-	A	-	A	-	-	-	-	-	-/d	
4111	-	-	-	-	-	-	-	-	-	-	A	A	A	-	-	A	A	-	-	-	-	-	d
4112	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	d

- : No abnormal findings
A : Salivation
d : Delivery
/d : Found delivery after the observation of general conditions.

Study No.: R-1192

Appendix 1-21 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats

Clinical signs Period : F0 lactation Day 0-5

Sex : Female Dose : 3-methoxybutan-1-ol 0 mg/kg Species : Rat

Animal No.	/Day 0	1	2	3	4	5a)
1101	-	-	-	-	-	-
1102	-	-	-	-	-	-
1103	-	-	-	-	-	-
1104	-	-	-	-	-	-
1105	-	-	-	-	-	-
1106	-	-	-	-	-	-
1107	-	-	-	-	-	-
1108	-	-	-	-	-	-
1109	-	-	-	-	-	-
1110	-	-	-	-	-	-
1111	-	-	-	-	-	-
1112	-	-	-	-	-	-

a) : Day of necropsy
- : No abnormal findings

Study No.: R-1192

Appendix 1-22 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats

Clinical signs Period : F0 lactation Day 0-5

Sex : Female Dose : 3-methoxybutan-1-ol 100 mg/kg Species : Rat

Animal No.	/Day 0	1	2	3	4	5a)
2101	-	-	-	-	-	-
2102	-	-	-	-	-	-
2103	-	-	-	-	-	-
2104	-	-	-	-	-	-
2105	-	-	-	-	-	-
2106	-	-	-	-	-	-
2107	-	-	-	-	-	-
2109	-	-	-	-	-	-
2110	-	-	-	-	-	-
2111	-	-	-	-	-	-
2112	-	-	-	-	-	-

a) : Day of necropsy
- : No abnormal findings
Animal No. 2108 : Non-pregnancy

Study No.: R-1192

Appendix 1-23 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats

Clinical signs Period : F0 lactation Day 0-5

Sex : Female Dose : 3-methoxybutan-1-ol 300 mg/kg Species : Rat

Animal No.	/Day 0	1	2	3	4	5a)
3101	DEF	+				
3102	-	-	-	-	-	-
3103	-	-	-	-	-	-
3104	-	-	-	-	-	-
3105	-	-	-	-	-	-
3106	-	-	-	-	-	-
3107	-	-	-	-	-	-
3108	-	-	-	-	-	-
3109	-	-	-	-	-	-
3110	-	-	-	-	-	-
3111	-	-	-	-	-	-
3112	-	-	-	-	-	-

a) : Day of necropsy
- : No abnormal findings
D : Decrease, spontaneous movement
E : Tachypnea
F : Hypothermia
+ : Dead

Study No.: R-1192

Appendix 1-24 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats

Clinical signs Period : F0 lactation Day 0-5

Sex : Female Dose : 3-methoxybutan-1-ol 1000 mg/kg Species : Rat

Animal No.	/Day 0	1	2	3	4	5a)
4101	-	-	-	-	-	-
4102	-	-	-	-	-	-
4103	-	-	-	-	-	-
4104	-	-	-	-	-	-
4105	-	-	-	-	-	-
4106	-	-	-	-	-	-
4107	-	-	B	B	B	B
4108	-	-	-	-	-	-
4109	-	-	-	-	-	-
4110	-	-	-	-	-	-
4111	-	-	-	-	-	-
4112	-	-	-	-	-	-

a) : Day of necropsy
- : No abnormal findings
B : Phyma

Study No.: R-1192

Appendix 1-25 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats

Clinical signs Period : Administration Day 1-43

Sex : Female Dose : 3-methoxybutan-1-ol 0 mg/kg Species : Rat

Animal No.	/Day 1	2	3	4	5	6	7	8	9	10	11	12	13	14
5101	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5102	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5103	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5104	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5105	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5106	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5107	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5108	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5109	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5110	-	-	-	-	-	-	-	-	-	-	-	-	-	-

- : No abnormal findings

Study No.: R-1192

Appendix 1-26 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats

Clinical signs Period : Administration Day 1-43

Sex : Female Dose : 3-methoxybutan-1-ol 0 mg/kg Species : Rat

Animal No.	/Day 15	16	17	18	19	20	21	22	23	24	25	26	27	28
5101	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5102	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5103	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5104	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5105	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5106	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5107	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5108	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5109	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5110	-	-	-	-	-	-	-	-	-	-	-	-	-	-

- : No abnormal findings

Study No.: R-1192

Appendix 1-27 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats

Clinical signs Period : Administration Day 1-43

Sex : Female Dose : 3-methoxybutan-1-ol 0 mg/kg Species : Rat

Animal No.	/Day 29	30	31	32	33	34	35	36	37	38	39	40	41	42	43a)
5101	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5102	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5103	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5104	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5105	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5106	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
5107	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
5108	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
5109	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
5110	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

a) : Day of necropsy
- : No abnormal findings

Study No.: R-1192

Appendix 1-28 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats

Clinical signs Period : Administration Day 1-43

Sex : Female Dose : 3-methoxybutan-1-ol 1000 mg/kg Species : Rat

Animal No.	/Day 1	2	3	4	5	6	7	8	9	10	11	12	13	14
6101	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6102	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6103	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6104	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6105	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6106	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6107	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6108	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6109	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6110	-	-	-	-	-	-	-	-	-	-	-	-	-	-

- : No abnormal findings

Study No.: R-1192

Appendix 1-29 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats

Clinical signs Period : Administration Day 1-43

Sex : Female Dose : 3-methoxybutan-1-ol 1000 mg/kg Species : Rat

Animal No.	/Day 15	16	17	18	19	20	21	22	23	24	25	26	27	28
6101	-	-	-	-	-	-	-	A	A	A	A	A	A	A
6102	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6103	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6104	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6105	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6106	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6107	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6108	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6109	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6110	-	-	-	-	-	-	-	-	-	-	-	-	A	A

- : No abnormal findings
A : Salivation

Study No.: R-1192

Appendix 1-30 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats

Clinical signs Period : Administration Day 1-43

Sex : Female Dose : 3-methoxybutan-1-ol 1000 mg/kg Species : Rat

Animal No.	/Day 29	30	31	32	33	34	35	36	37	38	39	40	41	42	43a)
6101	A	-	-	-	-	A	A	A	-	A	-	-	-	-	-
6102	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6103	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6104	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6105	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6106	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
6107	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
6108	-	-	-	-	A	-	-	-	-	-	-	-	-	-	
6109	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
6110	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

a) : Day of necropsy
- : No abnormal findings
A : Salivation

Study No.: R-1192

Appendix 1-31 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats

Clinical signs Period : Recovery Day 1-15

Sex : Male Dose : 3-methoxybutan-1-ol 0 mg/kg Species : Rat

Animal No.	/Day 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15a)
1008	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1009	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1010	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1011	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

a) : Day of necropsy
- : No abnormal findings

Study No.: R-1192

Appendix 1-32 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats

Clinical signs Period : Recovery Day 1-15

Sex : Male Dose : 3-methoxybutan-1-ol 1000 mg/kg Species : Rat

Animal No.	/Day 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15a)
4008	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4009	-	-	-	-	-	-	-	-	-	-	-	-	-	-	G
4010	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4011	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

a) : Day of necropsy
- : No abnormal findings
G : Trauma

Study No.: R-1192

Appendix 1-33 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats

Clinical signs Period : Recovery Day 1-15

Sex : Female Dose : 3-methoxybutan-1-ol 0 mg/kg Species : Rat

Animal No.	/Day 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15a)
5106	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5107	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5108	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5109	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5110	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

a) : Day of necropsy
- : No abnormal findings

Study No.: R-1192

Appendix 1-34 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats

Clinical signs Period : Recovery Day 1-15

Sex : Female Dose : 3-methoxybutan-1-ol 1000 mg/kg Species : Rat

Animal No.	/Day 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15a)
6106	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6107	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6108	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6109	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6110	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

a) : Day of necropsy
- : No abnormal findings

Home cage observation
Generation : F0 Sex : Male Week : 1 Period : F0 before mating
Dose : 3-methoxybutan-1-ol 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

Home cage observation
Generation : F0 Sex : Male Week : 1 Period : F0 before mating
Dose : 3-methoxybutan-1-ol 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

Home cage observation
Generation : F0 Sex : Male Week : 1 Period : F0 before mating
Dose : 3-methoxybutan-1-ol 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

Home cage observation
Generation : F0 Sex : Male Week : 1 Period : F0 before mating
Dose : 3-methoxybutan-1-ol 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

Home cage observation
Generation : F0 Sex : Male Week : 2 Period : F0 before mating
Dose : 3-methoxybutan-1-ol 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

Home cage observation Period : F0 before mating
Generation : F0 Sex : Male Week : 2 Dose : 3-methoxybutan-1-ol 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

Home cage observation Period : F0 before mating
Generation : F0 Sex : Male Week : 2 Dose : 3-methoxybutan-1-ol 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

Home cage observation Period : F0 before mating
Generation : F0 Sex : Male Week : 2 Dose : 3-methoxybutan-1-ol 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

Home cage observation Period : F0 mating
Generation : F0 Sex : Male Week : 3 Dose : 3-methoxybutan-1-ol 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

Home cage observation Period : F0 mating
Generation : F0 Sex : Male Week : 3 Dose : 3-methoxybutan-1-ol 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

Home cage observation Period : F0 mating
Generation : F0 Sex : Male Week : 3 Dose : 3-methoxybutan-1-ol 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

Home cage observation Period : F0 mating
Generation : F0 Sex : Male Week : 3 Dose : 3-methoxybutan-1-ol 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

Home cage observation Period : F0 mating
Generation : F0 Sex : Male Week : 4 Dose : 3-methoxybutan-1-ol 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

Home cage observation
Generation : F0 Sex : Male Week : 4 Period : F0 mating
Dose : 3-methoxybutan-1-ol 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

Home cage observation Period : F0 mating
Generation : F0 Sex : Male Week : 4 Dose : 3-methoxybutan-1-ol 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

Home cage observation Period : F0 mating
Generation : F0 Sex : Male Week : 4 Dose : 3-methoxybutan-1-ol 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

Home cage observation Period : F0 mating
Generation : F0 Sex : Male Week : 5 Dose : 3-methoxybutan-1-ol 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

Home cage observation Period : F0 mating
Generation : F0 Sex : Male Week : 5 Dose : 3-methoxybutan-1-ol 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

Home cage observation Period : F0 mating
Generation : F0 Sex : Male Week : 5 Dose : 3-methoxybutan-1-ol 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

Home cage observation Period : F0 mating
Generation : F0 Sex : Male Week : 5 Dose : 3-methoxybutan-1-ol 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

Home cage observation Period : F0 mating
Generation : F0 Sex : Male Week : 6 Dose : 3-methoxybutan-1-ol 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

Home cage observation Period : F0 mating
Generation : F0 Sex : Male Week : 6 Dose : 3-methoxybutan-1-ol 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

Home cage observation Period : F0 mating
Generation : F0 Sex : Male Week : 6 Dose : 3-methoxybutan-1-ol 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

Home cage observation Period : F0 mating
Generation : F0 Sex : Male Week : 6 Dose : 3-methoxybutan-1-ol 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

Home cage observation
Generation : F0 Sex : Female Week : 1
Period : F0 before mating
Dose : 3-methoxybutan-1-ol 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

Home cage observation
Generation : F0 Sex : Female Week : 1 Period : F0 before mating
Dose : 3-methoxybutan-1-ol 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

Home cage observation Period : F0 before mating
Generation : F0 Sex : Female Week : 1 Dose : 3-methoxybutan-1-ol 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

Home cage observation Period : F0 before mating
Generation : F0 Sex : Female Week : 1 Dose : 3-methoxybutan-1-ol 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

Home cage observation
Generation : F0 Sex : Female Week : 2
Period : F0 before mating
Dose : 3-methoxybutan-1-ol 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

Home cage observation
Generation : F0 Sex : Female Week : 2 Period : F0 before mating
Dose : 3-methoxybutan-1-ol 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

Home cage observation Period : F0 before mating
Generation : F0 Sex : Female Week : 2 Dose : 3-methoxybutan-1-ol 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

Home cage observation Period : F0 before mating
Generation : F0 Sex : Female Week : 2 Dose : 3-methoxybutan-1-ol 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

Home cage observation Period : F0 gestation
Generation : F0 Sex : Female Day : 1 Dose : 3-methoxybutan-1-ol 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

Home cage observation Period : F0 gestation
Generation : F0 Sex : Female Day : 1 Dose : 3-methoxybutan-1-ol 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
2109	N	0	0
2110	N	0	0
2111	N	0	0
2112	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
Animal No.2108 : Non-pregnancy

Home cage observation
Generation : F0 Sex : Female Day : 1 Period : F0 gestation
Dose : 3-methoxybutan-1-ol 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

Home cage observation Period : F0 gestation
Generation : F0 Sex : Female Day : 1 Dose : 3-methoxybutan-1-ol 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

Home cage observation Period : F0 gestation
Generation : F0 Sex : Female Day : 7 Dose : 3-methoxybutan-1-ol 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

Home cage observation Period : F0 gestation
Generation : F0 Sex : Female Day : 7 Dose : 3-methoxybutan-1-ol 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
2109	N	0	0
2110	N	0	0
2111	N	0	0
2112	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
Animal No.2108 : Non-pregnancy

Home cage observation
Generation : F0 Sex : Female Day : 7 Period : F0 gestation
Dose : 3-methoxybutan-1-ol 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

Home cage observation Period : F0 gestation
Generation : F0 Sex : Female Day : 7 Dose : 3-methoxybutan-1-ol 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

Home cage observation Period : F0 gestation
Generation : F0 Sex : Female Day : 14 Dose : 3-methoxybutan-1-ol 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

Home cage observation Period : F0 gestation
Generation : F0 Sex : Female Day : 14 Dose : 3-methoxybutan-1-ol 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
2109	N	0	0
2110	N	0	0
2111	N	0	0
2112	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
Animal No.2108 : Non-pregnancy

Home cage observation
Generation : F0 Sex : Female Day : 14 Period : F0 gestation
Dose : 3-methoxybutan-1-ol 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

Home cage observation Period : F0 gestation
Generation : F0 Sex : Female Day : 14 Dose : 3-methoxybutan-1-ol 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

Home cage observation Period : F0 gestation
Generation : F0 Sex : Female Day : 20 Dose : 3-methoxybutan-1-ol 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

Home cage observation Period : F0 gestation
Generation : F0 Sex : Female Day : 20 Dose : 3-methoxybutan-1-ol 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
2109	N	0	0
2110	N	0	0
2111	N	0	0
2112	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
Animal No.2108 : Non-pregnancy

Home cage observation Period : F0 gestation
Generation : F0 Sex : Female Day : 20 Dose : 3-methoxybutan-1-ol 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

Home cage observation Period : F0 gestation
Generation : F0 Sex : Female Day : 20 Dose : 3-methoxybutan-1-ol 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

Home cage observation Period : F0 lactation
Generation : F0 Sex : Female Day : 4 Dose : 3-methoxybutan-1-ol 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

Home cage observation Period : F0 lactation
Generation : F0 Sex : Female Day : 4 Dose : 3-methoxybutan-1-ol 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
2109	N	0	0
2110	N	0	0
2111	N	0	0
2112	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
Animal No.2108 : Non-pregnancy

Home cage observation Period : F0 lactation
Generation : F0 Sex : Female Day : 4 Dose : 3-methoxybutan-1-ol 300 mg/kg Species : Rat

Animal No.	Posture	Convulsion	Abnormal behavior
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	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
Animal No.3101 : Died on lactation day 1

Home cage observation Period : F0 lactation
Generation : F0 Sex : Female Day : 4 Dose : 3-methoxybutan-1-ol 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

Home cage observation
Generation : F0 Sex : Female Week : 1 Period : Administration
Dose : 3-methoxybutan-1-ol 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

Home cage observation
Generation : F0 Sex : Female Week : 1 Period : Administration
Dose : 3-methoxybutan-1-ol 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

Home cage observation
Generation : F0 Sex : Female Week : 2 Period : Administration
Dose : 3-methoxybutan-1-ol 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

Home cage observation
Generation : F0 Sex : Female Week : 2 Period : Administration
Dose : 3-methoxybutan-1-ol 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

Home cage observation
Generation : F0 Sex : Female Week : 3 Period : Administration
Dose : 3-methoxybutan-1-ol 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

Home cage observation
Generation : F0 Sex : Female Week : 3 Period : Administration
Dose : 3-methoxybutan-1-ol 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

Home cage observation
Generation : F0 Sex : Female Week : 4 Period : Administration
Dose : 3-methoxybutan-1-ol 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

Home cage observation Period : Administration
Generation : F0 Sex : Female Week : 4 Dose : 3-methoxybutan-1-ol 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

Home cage observation Period : Administration
Generation : F0 Sex : Female Week : 5 Dose : 3-methoxybutan-1-ol 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

Home cage observation
Generation : F0 Sex : Female Week : 5 Period : Administration
Dose : 3-methoxybutan-1-ol 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

Home cage observation
Generation : F0 Sex : Female Week : 6 Period : Administration
Dose : 3-methoxybutan-1-ol 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

Home cage observation Period : Administration
Generation : F0 Sex : Female Week : 6 Dose : 3-methoxybutan-1-ol 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

Home cage observation Period : Recovery
Generation : F0 Sex : Male Week : 1 Dose : 3-methoxybutan-1-ol 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

Home cage observation Period : Recovery
Generation : F0 Sex : Male Week : 1 Dose : 3-methoxybutan-1-ol 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

Home cage observation Period : Recovery
Generation : F0 Sex : Male Week : 2 Dose : 3-methoxybutan-1-ol 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

Home cage observation Period : Recovery
Generation : F0 Sex : Male Week : 2 Dose : 3-methoxybutan-1-ol 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

Home cage observation Period : Recovery
Generation : F0 Sex : Female Week : 1 Dose : 3-methoxybutan-1-ol 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

Home cage observation Period : Recovery
Generation : F0 Sex : Female Week : 1 Dose : 3-methoxybutan-1-ol 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

Home cage observation
Generation : F0 Sex : Female Week : 2 Period : Recovery
Dose : 3-methoxybutan-1-ol 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

Home cage observation Period : Recovery
Generation : F0 Sex : Female Week : 2 Dose : 3-methoxybutan-1-ol 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

In-the-hand observation
Generation : F0 Sex : Male Week : 1 Period : F0 before mating
Dose : 3-methoxybutan-1-ol 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: Nomal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Nomal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Nomal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Nomal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Nomal, 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

In-the-hand observation
Generation : F0 Sex : Male Week : 1 Period : F0 before mating
Dose : 3-methoxybutan-1-ol 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: Nomal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Nomal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Nomal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Nomal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Nomal, 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

In-the-hand observation Period : F0 before mating
Generation : F0 Sex : Male Week : 1 Dose : 3-methoxybutan-1-ol 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: Nomal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Nomal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Nomal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Nomal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Nomal, 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

In-the-hand observation
Generation : F0 Sex : Male Week : 1 Period : F0 before mating
Dose : 3-methoxybutan-1-ol 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: Nomal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Nomal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Nomal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Nomal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Nomal, 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

In-the-hand observation
Generation : F0 Sex : Male Week : 2 Period : F0 before mating
Dose : 3-methoxybutan-1-ol 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	1	1
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: Nomal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Nomal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Nomal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Nomal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Nomal, 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

In-the-hand observation
Generation : F0 Sex : Male Week : 2 Period : F0 before mating
Dose : 3-methoxybutan-1-ol 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: Nomal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Nomal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Nomal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Nomal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Nomal, 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

In-the-hand observation
Generation : F0 Sex : Male Week : 2 Period : F0 before mating
Dose : 3-methoxybutan-1-ol 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: Nomal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Nomal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Nomal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Nomal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Nomal, 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

In-the-hand observation
Generation : F0 Sex : Male Week : 2 Period : F0 before mating
Dose : 3-methoxybutan-1-ol 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	1	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	1	0
4012	0	0	0	0	1	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: Nomal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Nomal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Nomal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Nomal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Nomal, 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

In-the-hand observation
Generation : F0 Sex : Male Week : 3 Period : F0 mating
Dose : 3-methoxybutan-1-ol 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: Nomal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Nomal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Nomal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Nomal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Nomal, 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

In-the-hand observation
Generation : F0 Sex : Male Week : 3 Period : F0 mating
Dose : 3-methoxybutan-1-ol 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: Nomal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Nomal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Nomal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Nomal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Nomal, 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

In-the-hand observation
Generation : F0 Sex : Male Week : 3 Period : F0 mating
Dose : 3-methoxybutan-1-ol 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: Nomal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Nomal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Nomal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Nomal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Nomal, 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

In-the-hand observation
Generation : F0 Sex : Male Week : 3 Period : F0 mating
Dose : 3-methoxybutan-1-ol 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	1	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: Nomal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Nomal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Nomal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Nomal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Nomal, 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

In-the-hand observation
Generation : F0 Sex : Male Week : 4 Period : F0 mating
Dose : 3-methoxybutan-1-ol 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	1	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: Nomal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Nomal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Nomal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Nomal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Nomal, 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

In-the-hand observation
Generation : F0 Sex : Male Week : 4 Period : F0 mating
Dose : 3-methoxybutan-1-ol 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: Nomal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Nomal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Nomal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Nomal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Nomal, 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

In-the-hand observation
Generation : F0 Sex : Male Week : 4 Period : F0 mating
Dose : 3-methoxybutan-1-ol 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	1	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: Nomal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Nomal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Nomal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Nomal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Nomal, 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

In-the-hand observation
Generation : F0 Sex : Male Week : 4 Period : F0 mating
Dose : 3-methoxybutan-1-ol 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	1	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	1	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: Nomal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Nomal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Nomal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Nomal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Nomal, 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

In-the-hand observation
Generation : F0 Sex : Male Week : 5 Period : F0 mating
Dose : 3-methoxybutan-1-ol 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: Nomal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Nomal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Nomal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Nomal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Nomal, 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

In-the-hand observation
Generation : F0 Sex : Male Week : 5 Period : F0 mating
Dose : 3-methoxybutan-1-ol 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: Nomal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Nomal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Nomal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Nomal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Nomal, 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

In-the-hand observation
Generation : F0 Sex : Male Week : 5 Period : F0 mating
Dose : 3-methoxybutan-1-ol 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: Nomal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Nomal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Nomal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Nomal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Nomal, 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

In-the-hand observation
Generation : F0 Sex : Male Week : 5 Period : F0 mating
Dose : 3-methoxybutan-1-ol 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	2	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	1	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: Nomal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Nomal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Nomal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Nomal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Nomal, 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

In-the-hand observation
Generation : F0 Sex : Male Week : 6 Period : F0 mating
Dose : 3-methoxybutan-1-ol 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: Nomal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Nomal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Nomal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Nomal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Nomal, 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

In-the-hand observation
Generation : F0 Sex : Male Week : 6 Period : F0 mating
Dose : 3-methoxybutan-1-ol 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: Nomal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Nomal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Nomal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Nomal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Nomal, 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

In-the-hand observation
Generation : F0 Sex : Male Week : 6 Period : F0 mating
Dose : 3-methoxybutan-1-ol 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: Nomal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Nomal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Nomal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Nomal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Nomal, 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

In-the-hand observation
Generation : F0 Sex : Male Week : 6 Period : F0 mating
Dose : 3-methoxybutan-1-ol 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	1	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: Nomal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Nomal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Nomal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Nomal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Nomal, 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

In-the-hand observation
Generation : F0 Sex : Female Week : 1 Period : F0 before mating
Dose : 3-methoxybutan-1-ol 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	1	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: Nomal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Nomal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Nomal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Nomal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Nomal, 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

In-the-hand observation
Generation : F0 Sex : Female Week : 1 Period : F0 before mating
Dose : 3-methoxybutan-1-ol 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: Nomal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Nomal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Nomal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Nomal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Nomal, 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

In-the-hand observation
Generation : F0 Sex : Female Week : 1 Period : F0 before mating
Dose : 3-methoxybutan-1-ol 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: Nomal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Nomal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Nomal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Nomal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Nomal, 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

In-the-hand observation
Generation : F0 Sex : Female Week : 1 Period : F0 before mating
Dose : 3-methoxybutan-1-ol 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	1	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: Nomal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Nomal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Nomal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Nomal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Nomal, 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

In-the-hand observation
Generation : F0 Sex : Female Week : 2 Period : F0 before mating
Dose : 3-methoxybutan-1-ol 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	1
1102	0	0	0	0	1	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: Nomal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Nomal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Nomal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Nomal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Nomal, 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

In-the-hand observation
Generation : F0 Sex : Female Week : 2 Period : F0 before mating
Dose : 3-methoxybutan-1-ol 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: Nomal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Nomal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Nomal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Nomal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Nomal, 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

In-the-hand observation
Generation : F0 Sex : Female Week : 2 Period : F0 before mating
Dose : 3-methoxybutan-1-ol 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	1	0
3103	0	0	0	0	0	0
3104	0	0	0	0	1	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	1
3109	0	0	0	0	0	0
3110	0	0	0	0	0	0
3111	0	0	0	0	0	1
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: Nomal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Nomal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Nomal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Nomal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Nomal, 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

In-the-hand observation
Generation : F0 Sex : Female Week : 2 Period : F0 before mating
Dose : 3-methoxybutan-1-ol 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: Nomal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Nomal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Nomal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Nomal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Nomal, 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

In-the-hand observation
Generation : F0 Sex : Female Day : 1 Period : F0 gestation
Dose : 3-methoxybutan-1-ol 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: Nomal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Nomal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Nomal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Nomal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Nomal, 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

In-the-hand observation
Generation : F0 Sex : Female Day : 1 Period : F0 gestation
Dose : 3-methoxybutan-1-ol 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
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	11	11	11	11	11	11	11	11

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
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	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: Nomal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Nomal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Nomal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Nomal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Nomal, 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
Animal No.2108 : Non-pregnancy

In-the-hand observation
Generation : F0 Sex : Female Day : 1 Period : F0 gestation
Dose : 3-methoxybutan-1-ol 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	1	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: Nomal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Nomal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Nomal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Nomal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Nomal, 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

In-the-hand observation
Generation : F0 Sex : Female Day : 1 Period : F0 gestation
Dose : 3-methoxybutan-1-ol 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	1	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: Nomal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Nomal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Nomal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Nomal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Nomal, 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

In-the-hand observation
Generation : F0 Sex : Female Day : 7 Period : F0 gestation
Dose : 3-methoxybutan-1-ol 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: Nomal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Nomal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Nomal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Nomal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Nomal, 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

In-the-hand observation
Generation : F0 Sex : Female Day : 7 Period : F0 gestation
Dose : 3-methoxybutan-1-ol 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
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	11	11	11	11	11	11	11	11

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
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	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: Nomal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Nomal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Nomal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Nomal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Nomal, 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
Animal No.2108 : Non-pregnancy

In-the-hand observation
Generation : F0 Sex : Female Day : 7 Period : F0 gestation
Dose : 3-methoxybutan-1-ol 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: Nomal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Nomal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Nomal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Nomal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Nomal, 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

In-the-hand observation
Generation : F0 Sex : Female Day : 7 Period : F0 gestation
Dose : 3-methoxybutan-1-ol 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: Nomal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Nomal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Nomal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Nomal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Nomal, 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

In-the-hand observation
Generation : F0 Sex : Female Day : 14 Period : F0 gestation
Dose : 3-methoxybutan-1-ol 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: Nomal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Nomal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Nomal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Nomal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Nomal, 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

In-the-hand observation
Generation : F0 Sex : Female Day : 14 Period : F0 gestation
Dose : 3-methoxybutan-1-ol 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
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	11	11	11	11	11	11	11	11

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
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	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: Nomal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Nomal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Nomal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Nomal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Nomal, 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
Animal No.2108 : Non-pregnancy

In-the-hand observation
Generation : F0 Sex : Female Day : 14 Period : F0 gestation
Dose : 3-methoxybutan-1-ol 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: Nomal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Nomal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Nomal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Nomal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Nomal, 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

In-the-hand observation
Generation : F0 Sex : Female Day : 14 Period : F0 gestation
Dose : 3-methoxybutan-1-ol 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: Nomal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Nomal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Nomal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Nomal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Nomal, 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

In-the-hand observation
Generation : F0 Sex : Female Day : 20 Period : F0 gestation
Dose : 3-methoxybutan-1-ol 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: Nomal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Nomal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Nomal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Nomal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Nomal, 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

In-the-hand observation
Generation : F0 Sex : Female Day : 20 Period : F0 gestation
Dose : 3-methoxybutan-1-ol 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
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	11	11	11	11	11	11	11	11

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
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	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: Nomal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Nomal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Nomal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Nomal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Nomal, 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
Animal No.2108 : Non-pregnancy

In-the-hand observation
Generation : F0 Sex : Female Day : 20 Period : F0 gestation
Dose : 3-methoxybutan-1-ol 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: Nomal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Nomal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Nomal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Nomal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Nomal, 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

In-the-hand observation
Generation : F0 Sex : Female Day : 20 Period : F0 gestation
Dose : 3-methoxybutan-1-ol 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	1	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: Nomal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Nomal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Nomal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Nomal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Nomal, 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

In-the-hand observation
Generation : F0 Sex : Female Day : 4 Period : F0 lactation
Dose : 3-methoxybutan-1-ol 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: Nomal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Nomal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Nomal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Nomal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Nomal, 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

In-the-hand observation

Period : F0 lactation

Generation : F0 Sex : Female Day : 4 Dose : 3-methoxybutan-1-ol 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
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	11	11	11	11	11	11	11	11

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
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	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: Nomal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Nomal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Nomal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Nomal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Nomal, 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
Animal No. 2108 : Non-pregnancy

3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats

In-the-hand observation

Period : F0 lactation

Generation : F0 Sex : Female Day : 4 Dose : 3-methoxybutan-1-ol 300 mg/kg Species : Rat

Animal No.	Ease of removal from cage	Fur condition	Skin	Secretions-Eye, Nose	Exophthalmos	Palpebral closure	Mucosal membranes	Lacrimation
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	11	11	11	11	11	11	11	11

Animal No.	Piloerection	Pupil size	Salivation	Abnormal respiration	Vocalization	Reactivity to handling
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	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: Nomal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Nomal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Nomal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Nomal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Nomal, 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
Animal No.3101 : Died on lactation day 1

3-methoxybutan-1-ol: 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 : 4 Period : F0 lactation Dose : 3-methoxybutan-1-ol 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	1	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: Nomal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Nomal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Nomal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Nomal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Nomal, 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

In-the-hand observation
Generation : F0 Sex : Female Week : 1 Period : Administration
Dose : 3-methoxybutan-1-ol 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: Nomal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Nomal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Nomal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Nomal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Nomal, 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

In-the-hand observation
Generation : F0 Sex : Female Week : 1 Period : Administration
Dose : 3-methoxybutan-1-ol 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	1	1
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: Nomal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Nomal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Nomal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Nomal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Nomal, 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

In-the-hand observation Period : Administration
Generation : F0 Sex : Female Week : 2 Dose : 3-methoxybutan-1-ol 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: Nomal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Nomal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Nomal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Nomal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Nomal, 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

In-the-hand observation
Generation : F0 Sex : Female Week : 2 Period : Administration
Dose : 3-methoxybutan-1-ol 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: Nomal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Nomal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Nomal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Nomal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Nomal, 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

In-the-hand observation Period : Administration
Generation : F0 Sex : Female Week : 3 Dose : 3-methoxybutan-1-ol 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: Nomal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Nomal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Nomal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Nomal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Nomal, 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

In-the-hand observation
Generation : F0 Sex : Female Week : 3 Period : Administration
Dose : 3-methoxybutan-1-ol 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: Nomal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Nomal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Nomal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Nomal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Nomal, 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

In-the-hand observation
Generation : F0 Sex : Female Weel : 4 Period : Administration
Dose : 3-methoxybutan-1-ol 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: Nomal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Nomal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Nomal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Nomal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Nomal, 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

In-the-hand observation
Generation : F0 Sex : Female Weel : 4 Period : Administration
Dose : 3-methoxybutan-1-ol 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: Nomal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Nomal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Nomal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Nomal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Nomal, 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

In-the-hand observation Period : Administration
Generation : F0 Sex : Female Week : 5 Dose : 3-methoxybutan-1-ol 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: Nomal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Nomal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Nomal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Nomal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Nomal, 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

In-the-hand observation Period : Administration
Generation : F0 Sex : Female Week : 5 Dose : 3-methoxybutan-1-ol 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: Nomal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Nomal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Nomal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Nomal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Nomal, 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

In-the-hand observation Period : Administration
Generation : F0 Sex : Female Week : 6 Dose : 3-methoxybutan-1-ol 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: Nomal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Nomal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Nomal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Nomal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Nomal, 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

In-the-hand observation
Generation : F0 Sex : Female Week : 6 Period : Administration
Dose : 3-methoxybutan-1-ol 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: Nomal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Nomal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Nomal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Nomal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Nomal, 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

In-the-hand observation
Generation : F0 Sex : Male Week : 1 Period : Recovery
Dose : 3-methoxybutan-1-ol 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: Nomal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Nomal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Nomal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Nomal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Nomal, 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

In-the-hand observation
Generation : F0 Sex : Male Week : 1 Period : Recovery
Dose : 3-methoxybutan-1-ol 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: Nomal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Nomal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Nomal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Nomal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Nomal, 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

In-the-hand observation
Generation : F0 Sex : Male Week : 2 Period : Recovery
Dose : 3-methoxybutan-1-ol 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: Nomal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Nomal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Nomal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Nomal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Nomal, 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

In-the-hand observation
Generation : F0 Sex : Male Week : 2 Period : Recovery
Dose : 3-methoxybutan-1-ol 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: Nomal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Nomal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Nomal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Nomal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Nomal, 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

In-the-hand observation
Generation : F0 Sex : Female Week : 1 Period : Recovery
Dose : 3-methoxybutan-1-ol 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: Nomal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Nomal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Nomal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Nomal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Nomal, 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

In-the-hand observation
Generation : F0 Sex : Female Week : 1 Period : Recovery
Dose : 3-methoxybutan-1-ol 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: Nomal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Nomal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Nomal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Nomal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Nomal, 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

In-the-hand observation
Generation : F0 Sex : Female Week : 2 Period : Recovery
Dose : 3-methoxybutan-1-ol 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: Nomal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Nomal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Nomal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Nomal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Nomal, 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

In-the-hand observation
Generation : F0 Sex : Female Week : 2 Period : Recovery
Dose : 3-methoxybutan-1-ol 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: Nomal, 1: Slight, 2: Moderate, 3: Marked
Skin) 0: Nomal, 1: Slight, 2: Moderate, 3: Severe
Secretions-Eye, Nose) 0: Absent, 1: Present
Exophthalmos) 0: Absent, 1: Present
Palpebral closure) 0: Nomal, 1: Slightly closed, 2: Half closed, 3: Completely closed
Mucosal membranes) 0: Nomal, 1: Slight, 2: Moderate, 3: Marked
Lacrimation) 0: Absent, 1: Present
Piloerection) 0: Absent, 1: Present
Pupil size) -1: Miosis, 0: Nomal, 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

Open field observation
Generation : F0 Sex : Male Week : 1 Period : F0 before mating
Dose : 3-methoxybutan-1-ol 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	1
n	12	12	12	12	12	12	12	12

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Nomal, 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: Sevear
Gait) U: No/minimal location, 0: Nomal, 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

Open field observation
Generation : F0 Sex : Male Week : 1 Period : F0 before mating
Dose : 3-methoxybutan-1-ol 0 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
1001	5	0
1002	5	0
1003	4	0
1004	3	0
1005	8	0
1006	8	0
1007	8	1
1008	7	1
1009	4	0
1010	4	0
1011	6	0
1012	7	0
n	12	12
Mean	6	0
S.D.	2	0

Open field observation
Generation : F0 Sex : Male Week : 1 Period : F0 before mating
Dose : 3-methoxybutan-1-ol 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	1
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	1
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: Nomal, 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: Sevear
Gait) U: No/minimal location, 0: Nomal, 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

Open field observation
Generation : F0 Sex : Male Week : 1 Period : F0 before mating
Dose : 3-methoxybutan-1-ol 100 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
2001	6	0
2002	5	1
2003	4	0
2004	4	1
2005	9	2
2006	6	0
2007	1	2
2008	6	0
2009	4	0
2010	5	0
2011	6	0
2012	8	0
n	12	12
Mean	5	1
S.D.	2	1

Open field observation
Generation : F0 Sex : Male Week : 1 Period : F0 before mating
Dose : 3-methoxybutan-1-ol 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: Nomal, 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: Sevear
Gait) U: No/minimal location, 0: Nomal, 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

Open field observation
Generation : F0 Sex : Male Week : 1 Period : F0 before mating
Dose : 3-methoxybutan-1-ol 300 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
3001	5	0
3002	6	0
3003	8	0
3004	3	0
3005	5	0
3006	4	0
3007	2	0
3008	5	0
3009	5	0
3010	4	0
3011	7	0
3012	5	0
n	12	12
Mean	5	0
S.D.	2	0

Open field observation
Generation : F0 Sex : Male Week : 1 Period : F0 before mating
Dose : 3-methoxybutan-1-ol 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: Nomal, 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: Sevear
Gait) U: No/minimal location, 0: Nomal, 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

Open field observation
Generation : F0 Sex : Male Week : 1 Period : F0 before mating
Dose : 3-methoxybutan-1-ol 1000 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
4001	4	0
4002	2	0
4003	3	0
4004	5	0
4005	2	0
4006	7	0
4007	3	0
4008	3	0
4009	5	0
4010	3	0
4011	3	0
4012	2	0
n	12	12
Mean	4	0
S.D.	2	0

Open field observation
Generation : F0 Sex : Male Week : 2 Period : F0 before mating
Dose : 3-methoxybutan-1-ol 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	1
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	1
n	12	12	12	12	12	12	12	12

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Nomal, 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: Sevear
Gait) U: No/minimal location, 0: Nomal, 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

Open field observation
Generation : F0 Sex : Male Week : 2 Period : F0 before mating
Dose : 3-methoxybutan-1-ol 0 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
1001	6	0
1002	4	0
1003	6	0
1004	2	0
1005	5	0
1006	6	0
1007	7	0
1008	4	0
1009	6	0
1010	5	0
1011	10	0
1012	6	0
n	12	12
Mean	6	0
S.D.	2	0

Open field observation
Generation : F0 Sex : Male Week : 2 Period : F0 before mating
Dose : 3-methoxybutan-1-ol 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	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: Nomal, 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: Sevear
Gait) U: No/minimal location, 0: Nomal, 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

Open field observation
Generation : F0 Sex : Male Week : 2 Period : F0 before mating
Dose : 3-methoxybutan-1-ol 100 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
2001	4	0
2002	3	0
2003	5	0
2004	2	0
2005	3	0
2006	6	0
2007	4	0
2008	5	0
2009	2	0
2010	3	0
2011	5	0
2012	2	0
n	12	12
Mean	4	0
S.D.	1	0

Open field observation
Generation : F0 Sex : Male Week : 2 Period : F0 before mating
Dose : 3-methoxybutan-1-ol 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: Nomal, 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: Sevear
Gait) U: No/minimal location, 0: Nomal, 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

Open field observation
Generation : F0 Sex : Male Week : 2 Period : F0 before mating
Dose : 3-methoxybutan-1-ol 300 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
3001	5	0
3002	6	0
3003	5	0
3004	7	2
3005	5	0
3006	4	0
3007	0	0
3008	3	0
3009	4	0
3010	3	0
3011	5	0
3012	5	0
n	12	12
Mean	4	0
S.D.	2	1

Open field observation Period : F0 before mating
Generation : F0 Sex : Male Week : 2 Dose : 3-methoxybutan-1-ol 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	1
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: Nomal, 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: Sevear
Gait) U: No/minimal location, 0: Nomal, 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

Open field observation
Generation : F0 Sex : Male Week : 2 Period : F0 before mating
Dose : 3-methoxybutan-1-ol 1000 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
4001	3	0
4002	5	0
4003	3	0
4004	4	0
4005	4	0
4006	7	0
4007	1	0
4008	3	0
4009	6	0
4010	4	0
4011	3	0
4012	2	0
n	12	12
Mean	4	0
S.D.	2	0

Open field observation Period : F0 mating
Generation : F0 Sex : Male Week : 3 Dose : 3-methoxybutan-1-ol 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	1
n	12	12	12	12	12	12	12	12

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Nomal, 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: Sevear
Gait) U: No/minimal location, 0: Nomal, 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

Open field observation Period : F0 mating
Generation : F0 Sex : Male Week : 3 Dose : 3-methoxybutan-1-ol 0 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
1001	11	0
1002	7	0
1003	5	0
1004	3	0
1005	8	0
1006	6	0
1007	6	0
1008	4	0
1009	3	0
1010	6	0
1011	7	0
1012	7	0
n	12	12
Mean	6	0
S.D.	2	0

Open field observation
Generation : F0 Sex : Male Week : 3 Period : F0 mating
Dose : 3-methoxybutan-1-ol 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	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	1
n	12	12	12	12	12	12	12	12

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Nomal, 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: Sevear
Gait) U: No/minimal location, 0: Nomal, 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

Open field observation Period : F0 mating
Generation : F0 Sex : Male Week : 3 Dose : 3-methoxybutan-1-ol 100 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
2001	6	0
2002	6	0
2003	4	0
2004	4	0
2005	4	0
2006	7	0
2007	4	0
2008	4	0
2009	6	0
2010	5	0
2011	5	0
2012	7	0
n	12	12
Mean	5	0
S.D.	1	0

Open field observation
Generation : F0 Sex : Male Week : 3 Period : F0 mating
Dose : 3-methoxybutan-1-ol 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: Nomal, 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: Sevear
Gait) U: No/minimal location, 0: Nomal, 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

Open field observation
Generation : F0 Sex : Male Week : 3 Period : F0 mating
Dose : 3-methoxybutan-1-ol 300 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
3001	2	0
3002	6	0
3003	2	0
3004	2	0
3005	5	0
3006	3	0
3007	0	2
3008	4	0
3009	11	0
3010	3	0
3011	3	0
3012	5	0
n	12	12
Mean	4	0
S.D.	3	1

Open field observation Period : F0 mating
Generation : F0 Sex : Male Week : 3 Dose : 3-methoxybutan-1-ol 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: Nomal, 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: Sevear
Gait) U: No/minimal location, 0: Nomal, 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

Open field observation Period : F0 mating
Generation : F0 Sex : Male Week : 3 Dose : 3-methoxybutan-1-ol 1000 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
4001	3	0
4002	5	0
4003	5	0
4004	6	0
4005	5	0
4006	4	0
4007	5	0
4008	5	0
4009	10	0
4010	5	0
4011	0	2
4012	1	0
n	12	12
Mean	5	0
S.D.	3	1

Open field observation
Generation : F0 Sex : Male Week : 4 Period : F0 mating
Dose : 3-methoxybutan-1-ol 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	1
1004	0	0	0	0	0	N	0	1
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	1
n	12	12	12	12	12	12	12	12

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Nomal, 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: Sevear
Gait) U: No/minimal location, 0: Nomal, 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

Open field observation
Generation : F0 Sex : Male Week : 4 Period : F0 mating
Dose : 3-methoxybutan-1-ol 0 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
1001	6	0
1002	3	0
1003	6	0
1004	7	0
1005	9	0
1006	8	0
1007	7	1
1008	4	0
1009	2	0
1010	3	0
1011	8	0
1012	5	0
n	12	12
Mean	6	0
S.D.	2	0

Open field observation
Generation : F0 Sex : Male Week : 4 Period : F0 mating
Dose : 3-methoxybutan-1-ol 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	1
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: Nomal, 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: Sevear
Gait) U: No/minimal location, 0: Nomal, 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

Open field observation
Generation : F0 Sex : Male Week : 4 Period : F0 mating
Dose : 3-methoxybutan-1-ol 100 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
2001	6	0
2002	6	0
2003	5	0
2004	4	0
2005	5	0
2006	7	0
2007	2	0
2008	6	0
2009	7	0
2010	7	0
2011	3	0
2012	8	0
n	12	12
Mean	6	0
S.D.	2	0

Open field observation
Generation : F0 Sex : Male Week : 4 Period : F0 mating
Dose : 3-methoxybutan-1-ol 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	1
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: Nomal, 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: Sevear
Gait) U: No/minimal location, 0: Nomal, 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

Open field observation
Generation : F0 Sex : Male Week : 4 Period : F0 mating
Dose : 3-methoxybutan-1-ol 300 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
3001	4	0
3002	4	0
3003	1	0
3004	7	0
3005	4	0
3006	3	0
3007	6	1
3008	3	0
3009	4	0
3010	4	0
3011	6	0
3012	6	0
n	12	12
Mean	4	0
S.D.	2	0

Open field observation
Generation : F0 Sex : Male Week : 4 Period : F0 mating
Dose : 3-methoxybutan-1-ol 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	1
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	1
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: Nomal, 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: Sevear
Gait) U: No/minimal location, 0: Nomal, 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

Open field observation
Generation : F0 Sex : Male Week : 4 Period : F0 mating
Dose : 3-methoxybutan-1-ol 1000 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
4001	3	0
4002	3	0
4003	1	0
4004	6	0
4005	4	0
4006	6	1
4007	4	0
4008	6	0
4009	7	0
4010	4	0
4011	0	1
4012	3	0
n	12	12
Mean	4	0
S.D.	2	0

Open field observation
Generation : F0 Sex : Male Week : 5 Period : F0 mating
Dose : 3-methoxybutan-1-ol 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	1
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	1
1008	0	0	0	0	0	N	0	0
1009	0	0	0	0	0	N	0	1
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	1
n	12	12	12	12	12	12	12	12

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Nomal, 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: Sevear
Gait) U: No/minimal location, 0: Nomal, 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

Open field observation
Generation : F0 Sex : Male Week : 5 Period : F0 mating
Dose : 3-methoxybutan-1-ol 0 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
1001	8	0
1002	4	0
1003	3	0
1004	6	0
1005	6	0
1006	8	0
1007	7	0
1008	4	0
1009	7	0
1010	5	0
1011	9	0
1012	6	0
n	12	12
Mean	6	0
S.D.	2	0

Open field observation
Generation : F0 Sex : Male Week : 5 Period : F0 mating
Dose : 3-methoxybutan-1-ol 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	1
2009	0	0	0	0	0	N	0	0
2010	0	0	0	0	0	N	0	1
2011	0	0	0	0	0	N	0	1
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: Nomal, 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: Sevear
Gait) U: No/minimal location, 0: Nomal, 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

Open field observation Period : F0 mating
Generation : F0 Sex : Male Week : 5 Dose : 3-methoxybutan-1-ol 100 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
2001	7	0
2002	7	0
2003	5	0
2004	5	0
2005	5	0
2006	9	0
2007	3	0
2008	6	0
2009	6	0
2010	6	0
2011	6	0
2012	7	0
n	12	12
Mean	6	0
S.D.	1	0

Open field observation
Generation : F0 Sex : Male Week : 5 Period : F0 mating
Dose : 3-methoxybutan-1-ol 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: Nomal, 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: Sevear
Gait) U: No/minimal location, 0: Nomal, 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

Open field observation
Generation : F0 Sex : Male Week : 5 Period : F0 mating
Dose : 3-methoxybutan-1-ol 300 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
3001	4	0
3002	6	0
3003	5	0
3004	3	0
3005	6	0
3006	4	0
3007	4	0
3008	8	0
3009	5	0
3010	5	0
3011	5	0
3012	7	0
n	12	12
Mean	5	0
S.D.	1	0

Open field observation
Generation : F0 Sex : Male Week : 5 Period : F0 mating
Dose : 3-methoxybutan-1-ol 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	1
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: Nomal, 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: Sevear
Gait) U: No/minimal location, 0: Nomal, 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

Open field observation Period : F0 mating
Generation : F0 Sex : Male Week : 5 Dose : 3-methoxybutan-1-ol 1000 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
4001	6	0
4002	3	0
4003	5	0
4004	3	0
4005	4	0
4006	6	0
4007	6	0
4008	8	0
4009	7	0
4010	4	0
4011	0	1
4012	0	0
n	12	12
Mean	4	0
S.D.	3	0

Open field observation
Generation : F0 Sex : Male Week : 6 Period : F0 mating
Dose : 3-methoxybutan-1-ol 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	1
1004	0	0	0	0	0	N	0	1
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	1
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	1
1012	0	0	0	0	0	N	0	1
n	12	12	12	12	12	12	12	12

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Nomal, 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: Sevear
Gait) U: No/minimal location, 0: Nomal, 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

Open field observation
Generation : F0 Sex : Male Week : 6 Period : F0 mating
Dose : 3-methoxybutan-1-ol 0 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
1001	5	0
1002	4	0
1003	3	0
1004	6	0
1005	7	0
1006	8	0
1007	3	0
1008	5	0
1009	5	0
1010	4	0
1011	8	0
1012	11	0
n	12	12
Mean	6	0
S.D.	2	0

Open field observation
Generation : F0 Sex : Male Week : 6 Period : F0 mating
Dose : 3-methoxybutan-1-ol 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	0
2007	0	0	0	0	0	N	0	0
2008	0	0	0	0	0	N	0	1
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	1
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: Nomal, 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: Sevear
Gait) U: No/minimal location, 0: Nomal, 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

Open field observation
Generation : F0 Sex : Male Week : 6 Period : F0 mating
Dose : 3-methoxybutan-1-ol 100 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
2001	7	0
2002	4	0
2003	4	0
2004	4	0
2005	4	0
2006	7	0
2007	1	0
2008	4	0
2009	5	0
2010	6	0
2011	6	0
2012	8	0
n	12	12
Mean	5	0
S.D.	2	0

Open field observation
Generation : F0 Sex : Male Week : 6 Period : F0 mating
Dose : 3-methoxybutan-1-ol 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	1
3010	0	0	0	0	0	N	0	1
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: Nomal, 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: Sevear
Gait) U: No/minimal location, 0: Nomal, 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

Open field observation
Generation : F0 Sex : Male Week : 6 Period : F0 mating
Dose : 3-methoxybutan-1-ol 300 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
3001	4	0
3002	5	0
3003	4	0
3004	1	0
3005	3	0
3006	4	0
3007	4	0
3008	5	0
3009	6	0
3010	5	0
3011	4	0
3012	7	0
n	12	12
Mean	4	0
S.D.	1	0

Open field observation
Generation : F0 Sex : Male Week : 6 Period : F0 mating
Dose : 3-methoxybutan-1-ol 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: Nomal, 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: Sevear
Gait) U: No/minimal location, 0: Nomal, 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

Open field observation
Generation : F0 Sex : Male Week : 6 Period : F0 mating
Dose : 3-methoxybutan-1-ol 1000 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
4001	6	0
4002	1	0
4003	5	0
4004	3	0
4005	3	0
4006	2	0
4007	2	0
4008	4	0
4009	7	0
4010	7	0
4011	0	0
4012	4	0
n	12	12
Mean	4	0
S.D.	2	0

Open field observation
Generation : F0 Sex : Female Week : 1 Period : F0 before mating
Dose : 3-methoxybutan-1-ol 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: Nomal, 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: Sevear
Gait) U: No/minimal location, 0: Nomal, 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

Open field observation
Generation : F0 Sex : Female Week : 1 Period : F0 before mating
Dose : 3-methoxybutan-1-ol 0 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
1101	5	0
1102	6	0
1103	9	0
1104	6	0
1105	5	0
1106	5	0
1107	11	0
1108	7	0
1109	4	0
1110	7	0
1111	4	0
1112	8	0
n	12	12
Mean	6	0
S.D.	2	0

Open field observation
Generation : F0 Sex : Female Week : 1 Period : F0 before mating
Dose : 3-methoxybutan-1-ol 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: Nomal, 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: Sevear
Gait) U: No/minimal location, 0: Nomal, 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

Open field observation
Generation : F0 Sex : Female Week : 1 Period : F0 before mating
Dose : 3-methoxybutan-1-ol 100 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
2101	8	0
2102	4	0
2103	6	0
2104	6	0
2105	5	0
2106	5	0
2107	8	0
2108	10	0
2109	8	0
2110	9	0
2111	4	0
2112	10	0
n	12	12
Mean	7	0
S.D.	2	0

Open field observation
Generation : F0 Sex : Female Week : 1 Period : F0 before mating
Dose : 3-methoxybutan-1-ol 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: Nomal, 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: Sevear
Gait) U: No/minimal location, 0: Nomal, 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

Open field observation
Generation : F0 Sex : Female Week : 1 Period : F0 before mating
Dose : 3-methoxybutan-1-ol 300 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
3101	5	0
3102	8	0
3103	5	0
3104	6	0
3105	8	0
3106	9	0
3107	7	0
3108	7	0
3109	7	0
3110	7	0
3111	5	0
3112	9	0
n	12	12
Mean	7	0
S.D.	1	0

Open field observation
Generation : F0 Sex : Female Week : 1 Period : F0 before mating
Dose : 3-methoxybutan-1-ol 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: Nomal, 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: Sevear
Gait) U: No/minimal location, 0: Nomal, 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

Open field observation
Generation : F0 Sex : Female Week : 1 Period : F0 before mating
Dose : 3-methoxybutan-1-ol 1000 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
4101	8	0
4102	5	0
4103	6	0
4104	10	0
4105	5	0
4106	6	0
4107	9	0
4108	6	0
4109	7	0
4110	5	0
4111	7	0
4112	4	0
n	12	12
Mean	7	0
S.D.	2	0

Open field observation
Generation : F0 Sex : Female Week : 2 Period : F0 before mating
Dose : 3-methoxybutan-1-ol 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: Nomal, 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: Sevear
Gait) U: No/minimal location, 0: Nomal, 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

Open field observation
Generation : F0 Sex : Female Week : 2 Period : F0 before mating
Dose : 3-methoxybutan-1-ol 0 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
1101	7	0
1102	11	0
1103	10	0
1104	8	0
1105	5	0
1106	8	0
1107	12	0
1108	4	0
1109	5	0
1110	11	0
1111	7	0
1112	5	0
n	12	12
Mean	8	0
S.D.	3	0

Open field observation
Generation : F0 Sex : Female Week : 2 Period : F0 before mating
Dose : 3-methoxybutan-1-ol 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: Nomal, 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: Sevear
Gait) U: No/minimal location, 0: Nomal, 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

Open field observation
Generation : F0 Sex : Female Week : 2 Period : F0 before mating
Dose : 3-methoxybutan-1-ol 100 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
2101	7	0
2102	3	0
2103	11	0
2104	8	0
2105	6	0
2106	9	0
2107	6	0
2108	10	0
2109	7	0
2110	9	0
2111	11	0
2112	11	0
n	12	12
Mean	8	0
S.D.	2	0

Open field observation
Generation : F0 Sex : Female Week : 2 Period : F0 before mating
Dose : 3-methoxybutan-1-ol 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: Nomal, 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: Sevear
Gait) U: No/minimal location, 0: Nomal, 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

Open field observation
Generation : F0 Sex : Female Week : 2 Period : F0 before mating
Dose : 3-methoxybutan-1-ol 300 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
3101	7	0
3102	9	0
3103	8	0
3104	6	0
3105	10	0
3106	9	0
3107	6	0
3108	9	0
3109	5	0
3110	10	0
3111	6	0
3112	11	0
n	12	12
Mean	8	0
S.D.	2	0

Open field observation
Generation : F0 Sex : Female Week : 2 Period : F0 before mating
Dose : 3-methoxybutan-1-ol 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: Nomal, 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: Sevear
Gait) U: No/minimal location, 0: Nomal, 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

Open field observation
Generation : F0 Sex : Female Week : 2 Period : F0 before mating
Dose : 3-methoxybutan-1-ol 1000 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
4101	9	0
4102	9	0
4103	2	0
4104	10	0
4105	3	0
4106	5	0
4107	10	0
4108	9	0
4109	7	0
4110	10	0
4111	4	0
4112	5	0
n	12	12
Mean	7	0
S.D.	3	0

Open field observation Period : F0 gestation
Generation : F0 Sex : Female Day : 1 Dose : 3-methoxybutan-1-ol 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: Nomal, 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: Sevear
Gait) U: No/minimal location, 0: Nomal, 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

Open field observation
Generation : F0 Sex : Female Day : 1 Period : F0 gestation
Dose : 3-methoxybutan-1-ol 0 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
1101	4	0
1102	6	0
1103	7	0
1104	9	0
1105	6	0
1106	7	0
1107	4	0
1108	6	0
1109	6	0
1110	9	0
1111	9	0
1112	8	0
n	12	12
Mean	7	0
S.D.	2	0

Open field observation Period : F0 gestation
Generation : F0 Sex : Female Day : 1 Dose : 3-methoxybutan-1-ol 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	1
2106	0	0	0	0	0	N	0	0
2107	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	1
n	11	11	11	11	11	11	11	11

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Nomal, 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: Sevear
Gait) U: No/minimal location, 0: Nomal, 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
Animal No.2108 : Non-pregnancy

Open field observation Period : F0 gestation
Generation : F0 Sex : Female Day : 1 Dose : 3-methoxybutan-1-ol 100 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
2101	10	0
2102	5	0
2103	6	0
2104	5	0
2105	8	0
2106	6	0
2107	5	0
2109	9	0
2110	9	0
2111	6	0
2112	7	0
n	11	11
Mean	7	0
S.D.	2	0

Animal No.2108 : Non-pregnancy

Open field observation Period : F0 gestation
Generation : F0 Sex : Female Day : 1 Dose : 3-methoxybutan-1-ol 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	1
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: Nomal, 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: Sevear
Gait) U: No/minimal location, 0: Nomal, 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

Open field observation
Generation : F0 Sex : Female Day : 1 Period : F0 gestation
Dose : 3-methoxybutan-1-ol 300 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
3101	6	0
3102	10	0
3103	6	0
3104	8	0
3105	7	0
3106	4	0
3107	6	0
3108	6	0
3109	4	0
3110	11	0
3111	8	0
3112	9	0
n	12	12
Mean	7	0
S.D.	2	0

Open field observation Period : F0 gestation
Generation : F0 Sex : Female Day : 1 Dose : 3-methoxybutan-1-ol 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: Nomal, 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: Sevear
Gait) U: No/minimal location, 0: Nomal, 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

Open field observation
Generation : F0 Sex : Female Day : 1 Period : F0 gestation
Dose : 3-methoxybutan-1-ol 1000 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
4101	10	0
4102	7	0
4103	2	0
4104	8	0
4105	7	0
4106	7	0
4107	8	0
4108	4	0
4109	5	0
4110	5	0
4111	6	0
4112	8	0
n	12	12
Mean	6	0
S.D.	2	0

Open field observation Period : F0 gestation
Generation : F0 Sex : Female Day : 7 Dose : 3-methoxybutan-1-ol 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: Nomal, 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: Sevear
Gait) U: No/minimal location, 0: Nomal, 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

Open field observation Period : F0 gestation
Generation : F0 Sex : Female Day : 7 Dose : 3-methoxybutan-1-ol 0 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
1101	3	0
1102	6	0
1103	6	0
1104	8	0
1105	4	0
1106	4	0
1107	6	0
1108	5	0
1109	6	0
1110	8	0
1111	7	0
1112	6	0
n	12	12
Mean	6	0
S.D.	2	0

Open field observation
Generation : F0 Sex : Female Day : 7 Period : F0 gestation
Dose : 3-methoxybutan-1-ol 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
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	11	11	11	11	11	11	11	11

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Nomal, 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: Sevear
Gait) U: No/minimal location, 0: Nomal, 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
Animal No.2108 : Non-pregnancy

Open field observation Period : F0 gestation
Generation : F0 Sex : Female Day : 7 Dose : 3-methoxybutan-1-ol 100 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
2101	7	0
2102	3	0
2103	6	0
2104	6	0
2105	8	0
2106	6	0
2107	6	0
2109	6	0
2110	10	0
2111	6	0
2112	7	0
n	11	11
Mean	6	0
S.D.	2	0

Animal No.2108 : Non-pregnancy

Open field observation Period : F0 gestation
Generation : F0 Sex : Female Day : 7 Dose : 3-methoxybutan-1-ol 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: Nomal, 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: Sevear
Gait) U: No/minimal location, 0: Nomal, 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

Open field observation
Generation : F0 Sex : Female Day : 7 Period : F0 gestation
Dose : 3-methoxybutan-1-ol 300 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
3101	7	0
3102	6	0
3103	7	0
3104	6	0
3105	4	0
3106	2	0
3107	4	0
3108	4	0
3109	4	0
3110	5	0
3111	6	0
3112	5	0
n	12	12
Mean	5	0
S.D.	1	0

Open field observation Period : F0 gestation
Generation : F0 Sex : Female Day : 7 Dose : 3-methoxybutan-1-ol 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: Nomal, 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: Sevear
Gait) U: No/minimal location, 0: Nomal, 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

Open field observation
Generation : F0 Sex : Female Day : 7 Period : F0 gestation
Dose : 3-methoxybutan-1-ol 1000 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
4101	6	0
4102	4	0
4103	4	0
4104	8	0
4105	5	0
4106	5	0
4107	10	0
4108	6	0
4109	7	0
4110	6	0
4111	10	0
4112	4	0
n	12	12
Mean	6	0
S.D.	2	0

Open field observation
Generation : F0 Sex : Female Day : 14 Period : F0 gestation
Dose : 3-methoxybutan-1-ol 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

(1):0
Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Nomal, 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: Sevear
Gait) U: No/minimal location, 0: Nomal, 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

Open field observation
Generation : F0 Sex : Female Day : 14 Period : F0 gestation
Dose : 3-methoxybutan-1-ol 0 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
1101	5	0
1102	6	0
1103	8	0
1104	6	0
1105	3	0
1106	4	0
1107	8	0
1108	6	0
1109	4	0
1110	7	0
1111	4	0
1112	6	0
n	12	12
Mean	6	0
S.D.	2	0

Open field observation
Generation : F0 Sex : Female Day : 14 Period : F0 gestation
Dose : 3-methoxybutan-1-ol 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
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	11	11	11	11	11	11	11	11

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Nomal, 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: Sevear
Gait) U: No/minimal location, 0: Nomal, 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
Animal No.2108 : Non-pregnancy

Open field observation Period : F0 gestation
Generation : F0 Sex : Female Day : 14 Dose : 3-methoxybutan-1-ol 100 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
2101	7	0
2102	0	0
2103	8	0
2104	6	0
2105	9	0
2106	7	0
2107	8	0
2109	4	0
2110	8	0
2111	6	0
2112	7	0
n	11	11
Mean	6	0
S.D.	3	0

Animal No.2108 : Non-pregnancy

Open field observation Period : F0 gestation
Generation : F0 Sex : Female Day : 14 Dose : 3-methoxybutan-1-ol 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	1
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: Nomal, 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: Sevear
Gait) U: No/minimal location, 0: Nomal, 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

Open field observation
Generation : F0 Sex : Female Day : 14 Period : F0 gestation
Dose : 3-methoxybutan-1-ol 300 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
3101	6	0
3102	6	0
3103	4	0
3104	5	0
3105	5	0
3106	5	0
3107	5	0
3108	3	0
3109	4	0
3110	6	0
3111	5	0
3112	3	0
n	12	12
Mean	5	0
S.D.	1	0

Open field observation Period : F0 gestation
Generation : F0 Sex : Female Day : 14 Dose : 3-methoxybutan-1-ol 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: Nomal, 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: Sevear
Gait) U: No/minimal location, 0: Nomal, 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

Open field observation
Generation : F0 Sex : Female Day : 14 Period : F0 gestation
Dose : 3-methoxybutan-1-ol 1000 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
4101	6	0
4102	5	0
4103	3	0
4104	6	0
4105	7	0
4106	5	0
4107	7	0
4108	5	0
4109	1	0
4110	6	0
4111	6	0
4112	7	0
n	12	12
Mean	5	0
S.D.	2	0

Open field observation
Generation : F0 Sex : Female Day : 20 Period : F0 gestation
Dose : 3-methoxybutan-1-ol 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: Nomal, 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: Sevear
Gait) U: No/minimal location, 0: Nomal, 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

Open field observation Period : F0 gestation
Generation : F0 Sex : Female Day : 20 Dose : 3-methoxybutan-1-ol 0 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
1101	3	0
1102	5	0
1103	7	0
1104	8	0
1105	3	0
1106	2	0
1107	1	0
1108	8	0
1109	4	0
1110	8	0
1111	5	0
1112	6	0
n	12	12
Mean	5	0
S.D.	2	0

Open field observation Period : F0 gestation
Generation : F0 Sex : Female Day : 20 Dose : 3-methoxybutan-1-ol 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	1
2103	0	0	0	0	0	N	0	0
2104	0	0	0	0	0	N	0	1
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
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	11	11	11	11	11	11	11	11

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Nomal, 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: Sevear
Gait) U: No/minimal location, 0: Nomal, 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
Animal No.2108 : Non-pregnancy

Open field observation Period : F0 gestation
Generation : F0 Sex : Female Day : 20 Dose : 3-methoxybutan-1-ol 100 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
2101	4	0
2102	1	0
2103	5	0
2104	5	0
2105	6	0
2106	5	0
2107	7	0
2109	4	0
2110	4	0
2111	4	0
2112	4	0
n	11	11
Mean	4	0
S.D.	2	0

Animal No.2108 : Non-pregnancy

Open field observation Period : F0 gestation
Generation : F0 Sex : Female Day : 20 Dose : 3-methoxybutan-1-ol 300 mg/kg Species : Rat

Animal No.	Arousal	Convulsion	Abnormal behavior	Stereotypy	Gait	Posture	Grooming	Urination
3101	0	0	0	0	0	N	0	1
3102	0	0	0	0	0	N	0	1
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: Nomal, 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: Sevear
Gait) U: No/minimal location, 0: Nomal, 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

Open field observation Period : F0 gestation
Generation : F0 Sex : Female Day : 20 Dose : 3-methoxybutan-1-ol 300 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
3101	7	0
3102	5	0
3103	3	0
3104	5	0
3105	4	0
3106	2	0
3107	4	0
3108	4	0
3109	2	0
3110	5	0
3111	4	0
3112	4	0
n	12	12
Mean	4	0
S.D.	1	0

Open field observation Period : F0 gestation
Generation : F0 Sex : Female Day : 20 Dose : 3-methoxybutan-1-ol 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: Nomal, 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: Sevear
Gait) U: No/minimal location, 0: Nomal, 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

Open field observation Period : F0 gestation
Generation : F0 Sex : Female Day : 20 Dose : 3-methoxybutan-1-ol 1000 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
4101	5	0
4102	3	0
4103	4	0
4104	3	0
4105	3	0
4106	4	0
4107	4	0
4108	3	0
4109	1	0
4110	5	0
4111	3	0
4112	4	0
n	12	12
Mean	4	0
S.D.	1	0

Open field observation
Generation : F0 Sex : Female Day : 4 Period : F0 lactation
Dose : 3-methoxybutan-1-ol 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: Nomal, 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: Sevear
Gait) U: No/minimal location, 0: Nomal, 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

Open field observation
Generation : F0 Sex : Female Day : 4 Period : F0 lactation
Dose : 3-methoxybutan-1-ol 0 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
1101	5	0
1102	5	0
1103	2	0
1104	10	0
1105	4	0
1106	3	0
1107	4	0
1108	7	0
1109	5	0
1110	10	0
1111	8	0
1112	6	0
n	12	12
Mean	6	0
S.D.	3	0

Open field observation Period : F0 lactation
Generation : F0 Sex : Female Day : 4 Dose : 3-methoxybutan-1-ol 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
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	11	11	11	11	11	11	11	11

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Nomal, 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: Sevear
Gait) U: No/minimal location, 0: Nomal, 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
Animal No.2108 : Non-pregnancy

Open field observation Period : F0 lactation
Generation : F0 Sex : Female Day : 4 Dose : 3-methoxybutan-1-ol 100 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
2101	8	0
2102	3	0
2103	4	0
2104	7	0
2105	10	0
2106	7	0
2107	9	0
2109	5	0
2110	9	0
2111	5	0
2112	7	0
n	11	11
Mean	7	0
S.D.	2	0

Animal No.2108 : Non-pregnancy

Open field observation Period : F0 lactation
Generation : F0 Sex : Female Day : 4 Dose : 3-methoxybutan-1-ol 300 mg/kg Species : Rat

Animal No.	Arousal	Convulsion	Abnormal behavior	Stereotypy	Gait	Posture	Grooming	Urination
3102	0	0	0	0	0	N	0	1
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	1
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	11	11	11	11	11	11	11	11

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Nomal, 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: Sevear
Gait) U: No/minimal location, 0: Nomal, 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
Animal No.3101 : Died on lactation day 1

Open field observation Period : F0 lactation
Generation : F0 Sex : Female Day : 4 Dose : 3-methoxybutan-1-ol 300 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
3102	6	0
3103	4	0
3104	6	0
3105	6	0
3106	1	0
3107	8	0
3108	6	0
3109	7	0
3110	5	0
3111	4	0
3112	5	0
n	11	11
Mean	5	0
S.D.	2	0

Animal No.3101 : Died on lactation day 1

Open field observation
Generation : F0 Sex : Female Day : 4 Period : F0 lactation
Dose : 3-methoxybutan-1-ol 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: Nomal, 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: Sevear
Gait) U: No/minimal location, 0: Nomal, 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

Open field observation Period : F0 lactation
Generation : F0 Sex : Female Day : 4 Dose : 3-methoxybutan-1-ol 1000 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
4101	4	0
4102	3	0
4103	4	0
4104	5	0
4105	4	0
4106	6	0
4107	6	0
4108	6	0
4109	6	0
4110	7	0
4111	9	0
4112	7	0
n	12	12
Mean	6	0
S.D.	2	0

Open field observation
Generation : F0 Sex : Female Week : 1 Period : Administration
Dose : 3-methoxybutan-1-ol 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: Nomal, 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: Sevear
Gait) U: No/minimal location, 0: Nomal, 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

Open field observation
Generation : F0 Sex : Female Week : 1 Period : Administration
Dose : 3-methoxybutan-1-ol 0 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
5101	6	0
5102	7	0
5103	10	0
5104	6	0
5105	5	0
5106	10	0
5107	7	0
5108	5	0
5109	6	0
5110	5	0
n	10	10
Mean	7	0
S.D.	2	0

Open field observation Period : Administration
Generation : F0 Sex : Female Week : 1 Dose : 3-methoxybutan-1-ol 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: Nomal, 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: Sevear
Gait) U: No/minimal location, 0: Nomal, 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

Open field observation
Generation : F0 Sex : Female Week : 1 Period : Administration
Dose : 3-methoxybutan-1-ol 1000 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
6101	9	0
6102	7	0
6103	7	0
6104	8	0
6105	10	0
6106	8	0
6107	9	0
6108	7	0
6109	7	0
6110	7	0
n	10	10
Mean	8	0
S.D.	1	0

Open field observation
Generation : F0 Sex : Female Week : 2 Period : Administration
Dose : 3-methoxybutan-1-ol 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: Nomal, 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: Sevear
Gait) U: No/minimal location, 0: Nomal, 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

Open field observation
Generation : F0 Sex : Female Week : 2 Period : Administration
Dose : 3-methoxybutan-1-ol 0 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
5101	6	0
5102	6	0
5103	7	0
5104	11	0
5105	8	0
5106	8	0
5107	10	0
5108	6	0
5109	3	0
5110	8	0
n	10	10
Mean	7	0
S.D.	2	0

Open field observation
Generation : F0 Sex : Female Week : 2 Period : Administration
Dose : 3-methoxybutan-1-ol 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: Nomal, 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: Sevear
Gait) U: No/minimal location, 0: Nomal, 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

Open field observation
Generation : F0 Sex : Female Week : 2 Period : Administration
Dose : 3-methoxybutan-1-ol 1000 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
6101	11	0
6102	7	0
6103	4	0
6104	7	0
6105	9	0
6106	11	0
6107	4	0
6108	11	0
6109	8	0
6110	7	0
n	10	10
Mean	8	0
S.D.	3	0

Open field observation
Generation : F0 Sex : Female Week : 3 Period : Administration
Dose : 3-methoxybutan-1-ol 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: Nomal, 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: Sevear
Gait) U: No/minimal location, 0: Nomal, 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

Open field observation
Generation : F0 Sex : Female Week : 3 Period : Administration
Dose : 3-methoxybutan-1-ol 0 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
5101	7	0
5102	8	0
5103	9	0
5104	14	0
5105	7	0
5106	7	0
5107	13	0
5108	7	0
5109	7	0
5110	10	0
n	10	10
Mean	9	0
S.D.	3	0

Open field observation
Generation : F0 Sex : Female Week : 3 Period : Administration
Dose : 3-methoxybutan-1-ol 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: Nomal, 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: Sevear
Gait) U: No/minimal location, 0: Nomal, 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

Open field observation
Generation : F0 Sex : Female Week : 3 Period : Administration
Dose : 3-methoxybutan-1-ol 1000 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
6101	11	0
6102	10	0
6103	8	0
6104	10	0
6105	8	0
6106	11	0
6107	14	0
6108	6	0
6109	7	0
6110	8	0
n	10	10
Mean	9	0
S.D.	2	0

Open field observation
Generation : F0 Sex : Female Week : 4 Period : Administration
Dose : 3-methoxybutan-1-ol 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: Nomal, 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: Sevear
Gait) U: No/minimal location, 0: Nomal, 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

Open field observation
Generation : F0 Sex : Female Week : 4 Period : Administration
Dose : 3-methoxybutan-1-ol 0 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
5101	6	0
5102	8	0
5103	8	0
5104	13	0
5105	6	0
5106	8	0
5107	10	0
5108	7	0
5109	6	0
5110	10	0
n	10	10
Mean	8	0
S.D.	2	0

Open field observation
Generation : F0 Sex : Female Week : 4 Period : Administration
Dose : 3-methoxybutan-1-ol 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: Nomal, 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: Sevear
Gait) U: No/minimal location, 0: Nomal, 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

Open field observation
Generation : F0 Sex : Female Week : 4 Period : Administration
Dose : 3-methoxybutan-1-ol 1000 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
6101	9	0
6102	8	0
6103	7	0
6104	4	0
6105	7	0
6106	14	0
6107	7	0
6108	8	0
6109	6	0
6110	14	0
n	10	10
Mean	8	0
S.D.	3	0

Open field observation
Generation : F0 Sex : Female Week : 5 Period : Administration
Dose : 3-methoxybutan-1-ol 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: Nomal, 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: Sevear
Gait) U: No/minimal location, 0: Nomal, 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

Open field observation
Generation : F0 Sex : Female Week : 5 Period : Administration
Dose : 3-methoxybutan-1-ol 0 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
5101	5	0
5102	14	0
5103	9	0
5104	9	0
5105	5	0
5106	12	0
5107	7	0
5108	5	0
5109	9	0
5110	12	0
n	10	10
Mean	9	0
S.D.	3	0

Open field observation
Generation : F0 Sex : Female Week : 5 Period : Administration
Dose : 3-methoxybutan-1-ol 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: Nomal, 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: Sevear
Gait) U: No/minimal location, 0: Nomal, 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

Open field observation
Generation : F0 Sex : Female Week : 5 Period : Administration
Dose : 3-methoxybutan-1-ol 1000 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
6101	10	0
6102	9	0
6103	6	0
6104	8	0
6105	6	0
6106	12	0
6107	6	0
6108	8	0
6109	7	0
6110	12	0
n	10	10
Mean	8	0
S.D.	2	0

Open field observation
Generation : F0 Sex : Female Week : 6 Period : Administration
Dose : 3-methoxybutan-1-ol 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: Nomal, 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: Sevear
Gait) U: No/minimal location, 0: Nomal, 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

Open field observation
Generation : F0 Sex : Female Week : 6 Period : Administration
Dose : 3-methoxybutan-1-ol 0 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
5101	5	0
5102	5	0
5103	5	0
5104	6	0
5105	7	0
5106	9	0
5107	9	0
5108	4	0
5109	7	0
5110	5	0
n	10	10
Mean	6	0
S.D.	2	0

Open field observation
Generation : F0 Sex : Female Week : 6 Period : Administration
Dose : 3-methoxybutan-1-ol 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	1
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: Nomal, 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: Sevear
Gait) U: No/minimal location, 0: Nomal, 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

Open field observation
Generation : F0 Sex : Female Week : 6 Period : Administration
Dose : 3-methoxybutan-1-ol 1000 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
6101	7	0
6102	7	0
6103	4	0
6104	7	0
6105	9	0
6106	8	0
6107	5	0
6108	11	0
6109	8	0
6110	5	0
n	10	10
Mean	7	0
S.D.	2	0

Open field observation Period : Recovery
Generation : F0 Sex : Male Week : 1 Dose : 3-methoxybutan-1-ol 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	1
1012	0	0	0	0	0	N	0	1
n	5	5	5	5	5	5	5	5

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Nomal, 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: Sevear
Gait) U: No/minimal location, 0: Nomal, 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

Open field observation
Generation : F0 Sex : Male Week : 1 Period : Recovery
Dose : 3-methoxybutan-1-ol 0 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
1008	4	0
1009	3	0
1010	2	0
1011	7	0
1012	7	0
n	5	5
Mean	5	0
S.D.	2	0

Open field observation Period : Recovery
Generation : F0 Sex : Male Week : 1 Dose : 3-methoxybutan-1-ol 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: Nomal, 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: Sevear
Gait) U: No/minimal location, 0: Nomal, 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

Open field observation Period : Recovery
Generation : F0 Sex : Male Week : 1 Dose : 3-methoxybutan-1-ol 1000 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
4008	5	0
4009	6	0
4010	3	0
4011	0	0
4012	2	0
n	5	5
Mean	3	0
S.D.	2	0

Open field observation Period : Recovery
Generation : F0 Sex : Male Week : 2 Dose : 3-methoxybutan-1-ol 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	1
1012	0	0	0	0	0	N	0	1
n	5	5	5	5	5	5	5	5

Arousal) -2: Unconscious/semi-conscious, -1: Reduced awareness, 0: Nomal, 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: Sevear
Gait) U: No/minimal location, 0: Nomal, 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

Open field observation Period : Recovery
Generation : F0 Sex : Male Week : 2 Dose : 3-methoxybutan-1-ol 0 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
1008	4	0
1009	3	1
1010	3	0
1011	7	0
1012	6	0
n	5	5
Mean	5	0
S.D.	2	0

Open field observation Period : Recovery
Generation : F0 Sex : Male Week : 2 Dose : 3-methoxybutan-1-ol 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: Nomal, 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: Sevear
Gait) U: No/minimal location, 0: Nomal, 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

Open field observation Period : Recovery
Generation : F0 Sex : Male Week : 2 Dose : 3-methoxybutan-1-ol 1000 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
4008	5	0
4009	9	0
4010	3	0
4011	1	0
4012	4	0
n	5	5
Mean	4	0
S.D.	3	0

Open field observation Period : Recovery
Generation : F0 Sex : Female Week : 1 Dose : 3-methoxybutan-1-ol 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: Nomal, 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: Sevear
Gait) U: No/minimal location, 0: Nomal, 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

Open field observation
Generation : F0 Sex : Female Week : 1 Period : Recovery
Dose : 3-methoxybutan-1-ol 0 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
5106	7	0
5107	4	0
5108	4	0
5109	5	0
5110	6	0
n	5	5
Mean	5	0
S.D.	1	0

Open field observation Period : Recovery
Generation : F0 Sex : Female Week : 1 Dose : 3-methoxybutan-1-ol 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: Nomal, 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: Sevear
Gait) U: No/minimal location, 0: Nomal, 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

Open field observation
Generation : F0 Sex : Female Week : 1 Period : Recovery
Dose : 3-methoxybutan-1-ol 1000 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
6106	10	0
6107	3	0
6108	8	0
6109	8	0
6110	7	0
n	5	5
Mean	7	0
S.D.	3	0

Open field observation Period : Recovery
Generation : F0 Sex : Female Week : 2 Dose : 3-methoxybutan-1-ol 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: Nomal, 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: Sevear
Gait) U: No/minimal location, 0: Nomal, 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

Open field observation
Generation : F0 Sex : Female Week : 2 Period : Recovery
Dose : 3-methoxybutan-1-ol 0 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
5106	8	0
5107	5	0
5108	5	0
5109	8	0
5110	5	0
n	5	5
Mean	6	0
S.D.	2	0

Open field observation Period : Recovery
Generation : F0 Sex : Female Week : 2 Dose : 3-methoxybutan-1-ol 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: Nomal, 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: Sevear
Gait) U: No/minimal location, 0: Nomal, 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

Open field observation
Generation : F0 Sex : Female Week : 2 Period : Recovery
Dose : 3-methoxybutan-1-ol 1000 mg/kg Species : Rat

Animal No.	Rearing	Defecation count
6106	13	0
6107	6	0
6108	11	0
6109	12	0
6110	9	0
n	5	5
Mean	10	0
S.D.	3	0

Manipulative test Period : F0 mating
Generation : F0 Sex : Male Week : 6 Dose : 3-methoxybutan-1-ol 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

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

Manipulative test
Generation : F0 Sex : Male Week : 6 Period : F0 mating
Dose : 3-methoxybutan-1-ol 0 mg/kg Species : Rat

Animal No.	Aerial right-ing reflex	Landing foot splay mm
1008	0	130
1009	0	107
1010	0	116
1011	0	66
1012	0	52
n	5	5
Mean	0	94
S.D.	0	34

Aerial righting reflex) Total score

Manipulative test Period : F0 mating
Generation : F0 Sex : Male Week : 6 Dose : 3-methoxybutan-1-ol 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

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

Manipulative test
Generation : F0 Sex : Male Week : 6 Period : F0 mating
Dose : 3-methoxybutan-1-ol 100 mg/kg Species : Rat

Animal No.	Aerial righting reflex	Landing foot splay mm
2008	0	59
2009	0	64
2010	0	119
2011	0	102
2012	0	77
n	5	5
Mean	0	84
S.D.	0	26

Aerial righting reflex) Total score

Manipulative test Period : F0 mating
Generation : F0 Sex : Male Week : 6 Dose : 3-methoxybutan-1-ol 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

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

Manipulative test
Generation : F0 Sex : Male Week : 6 Period : F0 mating
Dose : 3-methoxybutan-1-ol 300 mg/kg Species : Rat

Animal No.	Aerial righting reflex	Landing foot splay mm
3008	0	116
3009	0	85
3010	0	97
3011	0	89
3012	0	60
n	5	5
Mean	0	89
S.D.	0	20

Aerial righting reflex) Total score

Manipulative test Period : F0 mating
Generation : F0 Sex : Male Week : 6 Dose : 3-methoxybutan-1-ol 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

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

Manipulative test
Generation : F0 Sex : Male Week : 6 Period : F0 mating
Dose : 3-methoxybutan-1-ol 1000 mg/kg Species : Rat

Animal No.	Aerial righting reflex	Landing foot splay mm
4008	0	61
4009	0	106
4010	0	55
4011	0	79
4012	0	99
n	5	5
Mean	0	80
S.D.	0	22

Aerial righting reflex) Total score

Manipulative test Period : F0 lactation
Generation : F0 Sex : Female Day : 4 Dose : 3-methoxybutan-1-ol 0 mg/kg Species : Rat

Animal No.	Auditory response	Approach response	Touch response	Tail pinch response	Pupillary reflex
1101	0	0	0	0	P
1104	0	0	0	0	P
1105	0	0	0	0	P
1106	0	0	0	0	P
1112	0	0	0	0	P
n	5	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

Manipulative test
Generation : F0 Sex : Female Day : 4 Period : F0 lactation
Dose : 3-methoxybutan-1-ol 0 mg/kg Species : Rat

Animal No.	Aerial righting reflex	Landing foot splay mm
1101	0	88
1104	0	37
1105	0	52
1106	0	57
1112	0	60
n	5	5
Mean	0	59
S.D.	0	19

Aerial righting reflex) Total score

Manipulative test Period : F0 lactation
Generation : F0 Sex : Female Day : 4 Dose : 3-methoxybutan-1-ol 100 mg/kg Species : Rat

Animal No.	Auditory response	Approach response	Touch response	Tail pinch response	Pupillary reflex
2101	0	0	0	0	P
2105	0	0	0	0	P
2109	0	0	0	0	P
2110	0	0	0	0	P
2111	0	0	0	0	P
n	5	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

Manipulative test
Generation : F0 Sex : Female Day : 4 Period : F0 lactation
Dose : 3-methoxybutan-1-ol 100 mg/kg Species : Rat

Animal No.	Aerial righting reflex	Landing foot splay mm
2101	0	71
2105	0	92
2109	0	29
2110	0	34
2111	0	25
n	5	5
Mean	0	50
S.D.	0	30

Aerial righting reflex) Total score

Manipulative test Period : F0 lactation
Generation : F0 Sex : Female Day : 4 Dose : 3-methoxybutan-1-ol 300 mg/kg Species : Rat

Animal No.	Auditory response	Approach response	Touch response	Tail pinch response	Pupillary reflex
3103	0	0	0	0	P
3104	0	0	0	0	P
3105	0	0	0	0	P
3107	0	0	0	0	P
3111	0	0	0	0	P
n	5	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

Manipulative test
Generation : F0 Sex : Female Day : 4 Period : F0 lactation
Dose : 3-methoxybutan-1-ol 300 mg/kg Species : Rat

Animal No.	Aerial right-ing reflex	Landing foot splay mm
3103	0	34
3104	0	100
3105	0	43
3107	0	41
3111	0	43
n	5	5
Mean	0	52
S.D.	0	27

Aerial righting reflex) Total score

Manipulative test Period : F0 lactation
Generation : F0 Sex : Female Day : 4 Dose : 3-methoxybutan-1-ol 1000 mg/kg Species : Rat

Animal No.	Auditory response	Approach response	Touch response	Tail pinch response	Pupillary reflex
4105	0	0	0	0	P
4106	0	0	0	0	P
4107	0	0	0	0	P
4108	0	0	0	0	P
4109	0	0	0	0	P
n	5	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

Manipulative test
Generation : F0 Sex : Female Day : 4 Period : F0 lactation
Dose : 3-methoxybutan-1-ol 1000 mg/kg Species : Rat

Animal No.	Aerial righting reflex	Landing foot splay mm
4105	0	96
4106	0	68
4107	0	38
4108	0	51
4109	0	47
n	5	5
Mean	0	60
S.D.	0	23

Aerial righting reflex) Total score

Manipulative test Period : Recovery
Generation : F0 Sex : Male Week : 2 Dose : 3-methoxybutan-1-ol 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

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

Manipulative test
Generation : F0 Sex : Male Week : 2 Period : Recovery
Dose : 3-methoxybutan-1-ol 0 mg/kg Species : Rat

Animal No.	Aerial right-ing reflex	Landing foot splay mm
1008	0	109
1009	0	77
1010	0	74
1011	0	79
1012	0	53
n	5	5
Mean	0	78
S.D.	0	20

Aerial righting reflex) Total score

Manipulative test Period : Recovery
Generation : F0 Sex : Male Week : 2 Dose : 3-methoxybutan-1-ol 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

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

Manipulative test
Generation : F0 Sex : Male Week : 2 Period : Recovery
Dose : 3-methoxybutan-1-ol 1000 mg/kg Species : Rat

Animal No.	Aerial righting reflex	Landing foot splay mm
4008	0	40
4009	0	77
4010	0	56
4011	0	75
4012	0	98
n	5	5
Mean	0	69
S.D.	0	22

Aerial righting reflex) Total score

Manipulative test Period : Recovery
Generation : F0 Sex : Female Week : 2 Dose : 3-methoxybutan-1-ol 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

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

Manipulative test
Generation : F0 Sex : Female Week : 2 Period : Recovery
Dose : 3-methoxybutan-1-ol 0 mg/kg Species : Rat

Animal No.	Aerial righting reflex	Landing foot splay mm
5106	0	39
5107	0	91
5108	0	54
5109	0	59
5110	0	50
n	5	5
Mean	0	59
S.D.	0	20

Aerial righting reflex) Total score

Manipulative test Period : Recovery
Generation : F0 Sex : Female Week : 2 Dose : 3-methoxybutan-1-ol 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

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

Manipulative test
Generation : F0 Sex : Female Week : 2 Period : Recovery
Dose : 3-methoxybutan-1-ol 1000 mg/kg Species : Rat

Animal No.	Aerial righting reflex	Landing foot splay mm
6106	0	57
6107	0	71
6108	0	46
6109	0	44
6110	0	79
n	5	5
Mean	0	59
S.D.	0	15

Aerial righting reflex) Total score

Grip strength
Generation : F0 Sex : Male Week : 6 Period : F0 mating
Dose : 3-methoxybutan-1-ol 0 mg/kg Species : Rat

Animal No.	Grip strength of fore limb g	Grip strength of hind limb g
1008	1967	1034
1009	1697	670
1010	1901	1351
1011	1451	913
1012	1748	476
n	5	5
Mean	1753	889
S.D.	201	337

Grip strength
Generation : F0 Sex : Male Week : 6 Period : F0 mating
Dose : 3-methoxybutan-1-ol 100 mg/kg Species : Rat

Animal No.	Grip strength of fore limb g	Grip strength of hind limb g
2008	1396	729
2009	999	915
2010	1188	639
2011	1902	653
2012	1655	921
n	5	5
Mean	1428	771
S.D.	360	138

Grip strength
Generation : F0 Sex : Male Week : 6 Period : F0 mating
Dose : 3-methoxybutan-1-ol 300 mg/kg Species : Rat

Animal No.	Grip strength of fore limb g	Grip strength of hind limb g
3008	1588	889
3009	1623	958
3010	1774	935
3011	2023	1015
3012	1467	527
n	5	5
Mean	1695	865
S.D.	214	194

Grip strength
Generation : F0 Sex : Male Week : 6 Period : F0 mating
Dose : 3-methoxybutan-1-ol 1000 mg/kg Species : Rat

Animal No.	Grip strength of fore limb g	Grip strength of hind limb g
4008	1700	645
4009	1763	1022
4010	1349	848
4011	1642	1198
4012	1641	813
n	5	5
Mean	1619	905
S.D.	159	211

Grip strength
Generation : F0 Sex : Female Day : 4 Period : F0 lactation
Dose : 3-methoxybutan-1-ol 0 mg/kg Species : Rat

Animal No.	Grip strength of fore limb g	Grip strength of hind limb g
1101	1442	730
1104	1220	544
1105	1311	896
1106	1219	925
1112	1637	793
n	5	5
Mean	1366	778
S.D.	177	152

Grip strength
Generation : F0 Sex : Female Day : 4 Period : F0 lactation
Dose : 3-methoxybutan-1-ol 100 mg/kg Species : Rat

Animal No.	Grip strength of fore limb g	Grip strength of hind limb g
2101	1175	657
2105	1283	997
2109	1346	848
2110	1185	685
2111	1310	884
n	5	5
Mean	1260	814
S.D.	76	142

Grip strength
Generation : F0 Sex : Female Day : 4 Period : F0 lactation
Dose : 3-methoxybutan-1-ol 300 mg/kg Species : Rat

Animal No.	Grip strength of fore limb g	Grip strength of hind limb g
3103	994	923
3104	1402	932
3105	1319	641
3107	1085	772
3111	1301	714
n	5	5
Mean	1220	796
S.D.	172	128

Grip strength
Generation : F0 Sex : Female Day : 4 Period : F0 lactation
Dose : 3-methoxybutan-1-ol 1000 mg/kg Species : Rat

Animal No.	Grip strength of fore limb g	Grip strength of hind limb g
4105	1525	938
4106	1003	856
4107	1055	639
4108	1227	935
4109	1450	565
n	5	5
Mean	1252	787
S.D.	232	174

Grip strength
Generation : F0 Sex : Male Week : 2 Period : Recovery
Dose : 3-methoxybutan-1-ol 0 mg/kg Species : Rat

Animal No.	Grip strength of fore limb g	Grip strength of hind limb g
1008	2000	1397
1009	1938	1208
1010	1811	1559
1011	1797	1269
1012	1987	1104
n	5	5
Mean	1907	1307
S.D.	97	176

Grip strength
Generation : F0 Sex : Male Week : 2 Period : Recovery
Dose : 3-methoxybutan-1-ol 1000 mg/kg Species : Rat

Animal No.	Grip strength of fore limb g	Grip strength of hind limb g
4008	1777	1255
4009	1973	1292
4010	2015	1138
4011	2070	1443
4012	1941	1200
n	5	5
Mean	1955	1266
S.D.	111	115

Grip strength
Generation : F0 Sex : Female Week : 2 Period : Recovery
Dose : 3-methoxybutan-1-ol 0 mg/kg Species : Rat

Animal No.	Grip strength of fore limb g	Grip strength of hind limb g
5106	1335	642
5107	1171	922
5108	1277	1067
5109	1362	1223
5110	1281	1071
n	5	5
Mean	1285	985
S.D.	73	219

Grip strength
Generation : F0 Sex : Female Week : 2 Period : Recovery
Dose : 3-methoxybutan-1-ol 1000 mg/kg Species : Rat

Animal No.	Grip strength of fore limb g	Grip strength of hind limb g
6106	1456	1068
6107	1197	1056
6108	1366	991
6109	1397	1242
6110	1492	935
n	5	5
Mean	1382	1058
S.D.	114	116

Motor activity
Generation : F0 Sex : Male Week : 6 Period : F0 mating
Dose : 3-methoxybutan-1-ol 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	270	257	28	219	28	43	845
1009	414	272	60	336	303	88	1473
1010	176	17	62	369	310	167	1101
1011	450	363	306	257	47	12	1435
1012	468	399	203	15	73	294	1452
n	5	5	5	5	5	5	5
Mean	356	262	132	239	152	121	1261
S.D.	127	149	119	139	142	113	279

Motor activity
Generation : F0 Sex : Male Week : 6 Period : F0 mating
Dose : 3-methoxybutan-1-ol 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	82	405	262	90	91	4	934
2009	460	426	250	292	64	102	1594
2010	435	418	402	365	325	319	2264
2011	411	441	172	259	216	64	1563
2012	345	275	332	206	15	24	1197
n	5	5	5	5	5	5	5
Mean	347	393	284	242	142	103	1510
S.D.	154	67	87	103	126	127	502

Motor activity
Generation : F0 Sex : Male Week : 6 Period : F0 mating
Dose : 3-methoxybutan-1-ol 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	479	311	147	55	26	73	1091
3009	39	221	47	15	47	188	557
3010	420	408	368	372	352	364	2284
3011	471	452	354	315	64	26	1682
3012	458	366	331	351	263	42	1811
n	5	5	5	5	5	5	5
Mean	373	352	249	222	150	139	1485
S.D.	188	90	144	172	147	141	671

Motor activity
Generation : F0 Sex : Male Week : 6 Period : F0 mating
Dose : 3-methoxybutan-1-ol 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	450	408	442	377	169	249	2095
4009	436	344	262	288	42	90	1462
4010	390	338	217	293	101	59	1398
4011	431	445	365	431	361	115	2148
4012	468	5	20	116	2	59	670
n	5	5	5	5	5	5	5
Mean	435	308	261	301	135	114	1555
S.D.	29	175	161	120	141	79	604

Motor activity
Generation : F0 Sex : Female Day : 4 Period : F0 lactation
Dose : 3-methoxybutan-1-ol 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	340	271	144	247	41	211	1254
1104	131	22	19	9	0	2	183
1105	292	6	36	79	21	13	447
1106	431	387	122	236	13	6	1195
1112	33	8	0	8	7	19	75
n	5	5	5	5	5	5	5
Mean	245	139	64	116	16	50	631
S.D.	161	179	65	118	16	90	559

Motor activity
Generation : F0 Sex : Female Day : 4 Period : F0 lactation
Dose : 3-methoxybutan-1-ol 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	263	145	62	136	309	89	1004
2105	334	282	383	178	271	45	1493
2109	329	135	172	192	198	23	1049
2110	248	3	113	304	4	10	682
2111	284	205	252	133	183	247	1304
n	5	5	5	5	5	5	5
Mean	292	154	196	189	193	83	1106
S.D.	39	103	126	69	118	97	309

Motor activity
Generation : F0 Sex : Female Day : 4 Period : F0 lactation
Dose : 3-methoxybutan-1-ol 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
3103	319	154	23	12	11	5	524
3104	46	12	60	48	195	22	383
3105	304	88	42	151	14	20	619
3107	453	8	16	14	200	5	696
3111	439	210	218	30	73	14	984
n	5	5	5	5	5	5	5
Mean	312	94	72	51	99	13	641
S.D.	163	88	84	58	94	8	224

Motor activity
Generation : F0 Sex : Female Day : 4 Period : F0 lactation
Dose : 3-methoxybutan-1-ol 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
4105	69	31	73	13	13	0	199
4106	255	68	169	30	37	14	573
4107	249	151	204	23	10	28	665
4108	417	199	247	8	17	134	1022
4109	224	26	4	146	274	13	687
n	5	5	5	5	5	5	5
Mean	243	95	139	44	70	38	629
S.D.	124	77	99	58	114	55	295

Motor activity
Generation : F0 Sex : Male Week : 2 Period : Recovery
Dose : 3-methoxybutan-1-ol 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	359	357	290	265	262	153	1686
1009	426	313	246	113	73	2	1173
1010	406	475	271	187	342	471	2152
1011	408	382	353	287	263	403	2096
1012	396	356	335	297	307	255	1946
n	5	5	5	5	5	5	5
Mean	399	377	299	230	249	257	1811
S.D.	25	60	44	78	104	189	399

Motor activity
Generation : F0 Sex : Male Week : 2 Period : Recovery
Dose : 3-methoxybutan-1-ol 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	459	140	355	351	333	381	2019
4009	403	464	309	190	3	143	1512
4010	352	198	278	159	297	227	1511
4011	485	439	405	414	401	370	2514
4012	449	397	170	32	0	14	1062
n	5	5	5	5	5	5	5
Mean	430	328	303	229	207	227	1724
S.D.	53	148	89	154	191	155	557

Motor activity
Generation : F0 Sex : Female Week : 2 Period : Recovery
Dose : 3-methoxybutan-1-ol 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	404	352	338	313	347	272	2026
5107	374	323	159	178	33	218	1285
5108	346	374	226	144	288	250	1628
5109	384	177	315	187	33	214	1310
5110	94	219	53	8	38	88	500
n	5	5	5	5	5	5	5
Mean	320	289	218	166	148	208	1350
S.D.	128	86	117	109	156	71	562

Motor activity
Generation : F0 Sex : Female Week : 2 Period : Recovery
Dose : 3-methoxybutan-1-ol 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	420	319	316	368	211	150	1784
6107	496	399	286	107	281	338	1907
6108	481	371	385	383	354	345	2319
6109	500	384	308	368	332	249	2141
6110	447	477	383	172	202	230	1911
n	5	5	5	5	5	5	5
Mean	469	390	336	280	276	262	2012
S.D.	34	57	46	130	69	81	215

Body weight
Sex : Male
Period : F0 before mating Day 1-15, F0 mating Day 15-43
Dose : 3-methoxybutan-1-ol 0 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 1	8	15	22	29	36	42	Body weight gain
1001	414	438	468	465	488	506	517	103
1002	445	472	497	513	537	560	574	129
1003	419	450	468	479	497	527	532	113
1004	402	436	464	488	512	535	558	156
1005	410	440	470	476	504	530	548	138
1006	392	419	434	453	469	486	504	112
1007	399	406	435	444	472	495	501	102
1008	413	443	466	480	515	537	546	133
1009	426	457	483	496	519	544	548	122
1010	440	476	501	529	553	578	594	154
1011	452	484	510	535	558	581	595	143
1012	422	445	464	481	505	515	522	100
n	12	12	12	12	12	12	12	12
Mean	420	447	472	487	511	533	545	125
S.D.	19	23	23	28	28	30	32	20

Body weight
Sex : Male
Period : F0 before mating Day 1-15, F0 mating Day 15-43
Dose : 3-methoxybutan-1-ol 100 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 1	8	15	22	29	36	42	Body weight gain
2001	395	415	436	454	471	491	503	108
2002	411	435	446	461	493	503	506	95
2003	412	439	465	473	494	507	502	90
2004	448	466	482	491	517	551	561	113
2005	424	465	491	504	523	535	549	125
2006	410	440	468	479	501	524	542	132
2007	422	454	480	495	518	531	549	127
2008	393	420	436	444	461	476	490	97
2009	437	479	512	539	572	597	604	167
2010	425	455	478	497	517	535	541	116
2011	419	448	478	503	523	540	553	134
2012	413	445	470	492	510	537	544	131
n	12	12	12	12	12	12	12	12
Mean	417	447	470	486	508	527	537	120
S.D.	16	19	22	26	28	31	32	21

Body weight
Sex : Male
Period : F0 before mating Day 1-15, F0 mating Day 15-43
Dose : 3-methoxybutan-1-ol 300 mg/kg
Unit : g Species : Rat

Animal No.	/Day 1	8	15	22	29	36	42	Body weight gain
3001	398	424	462	485	522	554	576	178
3002	412	445	466	477	492	511	522	110
3003	422	448	467	479	490	506	514	92
3004	418	452	481	503	535	550	560	142
3005	407	428	457	474	489	511	521	114
3006	436	476	495	518	534	545	557	121
3007	416	456	484	513	538	561	568	152
3008	445	476	508	523	543	559	552	107
3009	424	450	484	495	524	545	544	120
3010	419	447	474	483	513	538	533	114
3011	403	443	474	485	503	528	538	135
3012	441	475	512	530	558	599	613	172
n	12	12	12	12	12	12	12	12
Mean	420	452	480	497	520	542	550	130
S.D.	15	17	17	20	23	26	28	27

Body weight
Sex : Male
Period : F0 before mating Day 1-15, F0 mating Day 15-43
Dose : 3-methoxybutan-1-ol 1000 mg/kg
Unit : g Species : Rat

Animal No.	/Day 1	8	15	22	29	36	42	Body weight gain
4001	418	444	471	490	510	524	525	107
4002	427	453	476	488	504	522	538	111
4003	428	457	480	498	528	550	565	137
4004	423	452	482	491	505	533	539	116
4005	405	435	456	477	504	526	536	131
4006	424	445	460	481	499	505	516	92
4007	407	435	459	471	488	504	518	111
4008	408	444	466	494	508	529	544	136
4009	401	421	441	456	477	501	504	103
4010	445	477	500	520	547	577	578	133
4011	426	459	480	500	524	548	545	119
4012	440	461	483	495	511	532	533	93
n	12	12	12	12	12	12	12	12
Mean	421	449	471	488	509	529	537	116
S.D.	14	15	16	16	18	22	21	16

Body weight
Sex : Female
Period : F0 before mating Day 1-15
Dose : 3-methoxybutan-1-ol 0 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 1	8	15	Body weight gain
1101	266	267	293	27
1102	251	260	269	18
1103	245	253	259	14
1104	249	243	257	8
1105	253	270	289	36
1106	247	249	252	5
1107	258	263	273	15
1108	252	263	271	19
1109	272	265	272	0
1110	249	256	262	13
1111	268	275	281	13
1112	246	251	269	23
n	12	12	12	12
Mean	255	260	271	16
S.D.	9	9	12	10

Body weight
Sex : Female
Period : F0 before mating Day 1-15
Dose : 3-methoxybutan-1-ol 100 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 1	8	15	Body weight gain
2101	241	242	255	14
2102	247	257	263	16
2103	262	276	283	21
2104	253	275	290	37
2105	260	266	289	29
2106	239	253	266	27
2107	256	267	301	45
2108	267	282	292	25
2109	260	265	282	22
2110	248	244	260	12
2111	230	249	244	14
2112	257	273	285	28
n	12	12	12	12
Mean	252	262	276	24
S.D.	11	13	18	10

Body weight
Sex : Female
Period : F0 before mating Day 1-15
Dose : 3-methoxybutan-1-ol 300 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 1	8	15	Body weight gain
3101	262	271	291	29
3102	260	269	270	10
3103	241	254	259	18
3104	247	265	278	31
3105	238	253	260	22
3106	238	249	255	17
3107	246	245	256	10
3108	239	262	276	37
3109	261	271	281	20
3110	254	274	282	28
3111	272	273	283	11
3112	268	276	270	2
n	12	12	12	12
Mean	252	264	272	20
S.D.	12	11	12	10

Body weight
Sex : Female
Period : F0 before mating Day 1-15
Dose : 3-methoxybutan-1-ol 1000 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 1	8	15	Body weight gain
4101	241	258	271	30
4102	264	279	283	19
4103	253	255	267	14
4104	264	270	284	20
4105	244	255	272	28
4106	251	266	273	22
4107	268	272	295	27
4108	241	255	263	22
4109	256	265	265	9
4110	230	257	270	40
4111	237	246	270	33
4112	270	285	295	25
n	12	12	12	12
Mean	252	264	276	24
S.D.	13	11	11	8

Body weight
Sex : Female
Period : F0 gestation Day 0-25
Dose : 3-methoxybutan-1-ol 0 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 0	7	14	20	Body weight gain
1101	291	329	362	440	149
1102	277	306	339	422	145
1103	256	300	337	417	161
1104	264	309	349	420	156
1105	290	342	382	480	190
1106	250	296	341	426	176
1107	287	338	378	477	190
1108	276	326	354	440	164
1109	287	340	377	472	185
1110	279	314	351	439	160
1111	298	332	366	447	149
1112	271	318	353	430	159
n	12	12	12	12	12
Mean	277	321	357	443	165
S.D.	15	16	16	22	16

Body weight
Sex : Female
Period : F0 gestation Day 0-25
Dose : 3-methoxybutan-1-ol 100 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 0	7	14	20	Body weight gain
2101	259	290	324	405	146
2102	272	318	355	405	133
2103	293	338	374	462	169
2104	294	336	376	468	174
2105	293	321	356	413	120
2106	272	307	341	411	139
2107	303	335	362	449	146
2109	283	332	361	438	155
2110	263	304	337	420	157
2111	246	297	341	445	199
2112	280	320	363	459	179
n	11	11	11	11	11
Mean	278	318	354	434	156
S.D.	17	17	16	24	23

Animal No.2108 : Non-pregnancy

Body weight
Sex : Female
Period : F0 gestation Day 0-25
Dose : 3-methoxybutan-1-ol 300 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 0	7	14	20	Body weight gain
3101	299	338	383	477	178
3102	285	322	341	404	119
3103	257	304	342	406	149
3104	279	317	355	439	160
3105	267	308	343	409	142
3106	261	307	348	430	169
3107	256	281	310	392	136
3108	275	314	356	441	166
3109	284	342	380	477	193
3110	300	345	374	457	157
3111	294	337	381	464	170
3112	293	348	384	481	188
n	12	12	12	12	12
Mean	279	322	358	440	161
S.D.	16	20	23	32	22

Body weight
Sex : Female
Period : F0 gestation Day 0-25
Dose : 3-methoxybutan-1-ol 1000 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 0	7	14	20	Body weight gain
4101	277	305	344	427	150
4102	309	359	392	484	175
4103	285	324	367	484	199
4104	296	319	363	443	147
4105	278	333	372	451	173
4106	277	314	348	404	127
4107	298	324	357	428	130
4108	265	303	339	411	146
4109	271	304	335	390	119
4110	272	310	356	421	149
4111	277	317	355	433	156
4112	296	334	366	447	151
n	12	12	12	12	12
Mean	283	321	358	435	152
S.D.	13	16	16	29	22

Body weight
Sex : Female
Period : F0 lactation Day 0-5
Dose : 3-methoxybutan-1-ol 0 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 0	4	Body weight gain
1101	343	349	6
1102	312	336	24
1103	316	314	-2
1104	334	331	-3
1105	350	370	20
1106	317	330	13
1107	371	365	-6
1108	358	355	-3
1109	387	370	-17
1110	339	347	8
1111	339	340	1
1112	345	341	-4
n	12	12	12
Mean	343	346	3
S.D.	22	17	12

Body weight
Sex : Female
Period : F0 lactation Day 0-5
Dose : 3-methoxybutan-1-ol 100 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 0	4	Body weight gain
2101	298	337	39
2102	345	359	14
2103	378	363	-15
2104	332	343	11
2105	358	341	-17
2106	314	326	12
2107	330	330	0
2109	329	330	1
2110	325	342	17
2111	328	321	-7
2112	337	367	30
n	11	11	11
Mean	334	342	8
S.D.	21	15	18

Animal No.2108 : Non-pregnancy

Body weight
Sex : Female
Period : F0 lactation Day 0-5
Dose : 3-methoxybutan-1-ol 300 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 0	4	Body weight gain
3101a)	338		
3102	340	328	-12
3103	319	319	0
3104	332	352	20
3105	335	336	1
3106	320	344	24
3107	298	302	4
3108	333	341	8
3109	343	347	4
3110	372	351	-21
3111	382	382	0
3112	376	370	-6
n	12	11	11
Mean	341	343	2
S.D.	25	22	13

a) : Died on lactation day 1

Body weight
Sex : Female
Period : F0 lactation Day 0-5
Dose : 3-methoxybutan-1-ol 1000 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 0	4	Body weight gain
4101	309	337	28
4102	377	387	10
4103	370	369	-1
4104	356	339	-17
4105	367	380	13
4106	359	359	0
4107	349	333	-16
4108	345	324	-21
4109	341	342	1
4110	335	337	2
4111	341	330	-11
4112	342	369	27
n	12	12	12
Mean	349	351	1
S.D.	18	21	16

Body weight
Sex : Female
Period : Administration
Dose : 3-methoxybutan-1-ol 0 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 1	8	15	22	29	36	42	Body weight gain
5101	237	246	263	271	270	278	284	47
5102	263	273	272	290	300	303	314	51
5103	247	256	262	262	281	294	294	47
5104	251	253	271	286	285	286	304	53
5105	235	251	266	272	272	284	290	55
5106	249	252	266	274	291	305	306	57
5107	260	275	294	300	307	314	320	60
5108	247	258	267	269	282	291	299	52
5109	262	276	285	285	289	299	302	40
5110	267	288	304	301	316	334	330	63
n	10	10	10	10	10	10	10	10
Mean	252	263	275	281	289	299	304	53
S.D.	11	14	14	13	15	16	14	7

Body weight
Sex : Female
Period : Administration
Dose : 3-methoxybutan-1-ol 1000 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 1	8	15	22	29	36	42	Body weight gain
6101	260	269	278	302	302	301	317	57
6102	256	268	268	293	296	298	305	49
6103	239	259	268	268	287	296	287	48
6104	235	255	271	282	276	291	293	58
6105	266	262	278	273	287	290	297	31
6106	247	253	272	287	293	291	309	62
6107	249	258	268	288	284	294	293	44
6108	247	269	277	287	282	306	321	74
6109	260	272	275	286	296	300	306	46
6110	264	271	280	297	304	314	317	53
n	10	10	10	10	10	10	10	10
Mean	252	264	274	286	291	298	305	52
S.D.	11	7	5	10	9	8	12	12

Body weight
Sex : Male
Period : Recovery Day 1-15
Dose : 3-methoxybutan-1-ol 0 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 1	8	14	Body weight gain
1008	548	566	579	31
1009	544	568	579	35
1010	586	608	619	33
1011	590	596	610	20
1012	524	530	531	7
n	5	5	5	5
Mean	558	574	584	25
S.D.	29	30	34	12

Body weight
Sex : Male
Period : Recovery Day 1-15
Dose : 3-methoxybutan-1-ol 1000 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 1	8	14	Body weight gain
4008	521	545	545	24
4009	504	525	526	22
4010	580	595	591	11
4011	541	566	572	31
4012	530	548	548	18
n	5	5	5	5
Mean	535	556	556	21
S.D.	28	26	25	7

Body weight
Sex : Female
Period : Recovery Day 1-15
Dose : 3-methoxybutan-1-ol 0 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 1	8	14	Body weight gain
5106	303	324	329	26
5107	323	338	338	15
5108	298	309	307	9
5109	302	310	311	9
5110	321	337	343	22
n	5	5	5	5
Mean	309	324	326	16
S.D.	12	14	16	8

Body weight
Sex : Female
Period : Recovery Day 1-15
Dose : 3-methoxybutan-1-ol 1000 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 1	8	14	Body weight gain
6106	305	303	304	-1
6107	301	293	301	0
6108	321	314	318	-3
6109	301	309	313	12
6110	311	326	334	23
n	5	5	5	5
Mean	308	309	314	6
S.D.	8	12	13	11

Appendix 4 - 1 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Food consumption Period : F0 before mating Day 1-15, F0 mating Day 15-43
Sex : Male Dose : 3-methoxybutan-1-ol 0 mg/kg Unit : g Species : Rat

Animal No.	/Day 2	8	15	30	36	42	Total food consumption
1001	24	26	26	23	21	23	143
1002	24	25	24	26	24	24	147
1003	24	24	27	27	25	24	151
1004	25	25	28	25	28	28	159
1005	24	25	26	27	28	27	157
1006	24	23	21	23	25	24	140
1007	22	20	24	26	24	23	139
1008	28	26	25	25	26	26	156
1009	26	24	29	26	27	24	156
1010	29	29	27	24	30	31	170
1011	27	29	26	26	30	27	165
1012	27	25	26	24	28	28	158
n	12	12	12	12	12	12	12
Mean	25	25	26	25	26	26	153
S.D.	2	2	2	1	3	2	10

Appendix 4 - 2 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

Food consumption Period : F0 before mating Day 1-15, F0 mating Day 15-43
Sex : Male Dose : 3-methoxybutan-1-ol 100 mg/kg Unit : g Species : Rat

Animal No.	/Day 2	8	15	30	36	42	Total food consumption
2001	25	24	23	24	25	25	146
2002	24	21	23	22	23	24	137
2003	27	26	26	25	24	22	150
2004	27	29	28	28	29	28	169
2005	31	31	32	29	30	31	184
2006	29	28	26	28	27	28	166
2007	25	26	25	22	23	27	148
2008	23	24	21	21	22	23	134
2009	30	33	30	27	30	26	176
2010	27	26	27	24	27	27	158
2011	25	25	27	24	27	24	152
2012	25	26	22	28	26	22	149
n	12	12	12	12	12	12	12
Mean	27	27	26	25	26	26	156
S.D.	2	3	3	3	3	3	15

Food consumption
Sex : Male
Period : F0 before mating Day 1-15, F0 mating Day 15-43
Dose : 3-methoxybutan-1-ol 300 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 2	8	15	30	36	42	Total food consumption
3001	23	26	28	31	28	30	166
3002	23	28	29	23	28	23	154
3003	27	23	26	23	22	23	144
3004	29	27	30	28	28	25	167
3005	22	23	26	25	26	23	145
3006	30	27	30	26	25	24	162
3007	29	26	27	28	29	26	165
3008	25	27	30	23	27	23	155
3009	27	22	26	26	25	21	147
3010	24	23	27	24	26	19	143
3011	23	24	25	24	23	28	147
3012	23	26	28	28	30	32	167
n	12	12	12	12	12	12	12
Mean	25	25	28	26	26	25	155
S.D.	3	2	2	3	2	4	10

Food consumption
Sex : Male
Period : F0 before mating Day 1-15, F0 mating Day 15-43
Dose : 3-methoxybutan-1-ol 1000 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 2	8	15	30	36	42	Total food consumption
4001	21	25	27	21	24	26	144
4002	23	23	24	24	25	26	145
4003	22	24	26	23	26	27	148
4004	23	27	26	24	26	24	150
4005	20	26	23	24	23	26	142
4006	21	25	22	24	24	25	141
4007	25	26	27	23	24	24	149
4008	22	26	24	24	25	28	149
4009	19	24	25	23	25	25	141
4010	23	26	23	25	29	27	153
4011	24	28	27	29	26	25	159
4012	21	26	28	23	29	25	152
n	12	12	12	12	12	12	12
Mean	22	26	25	24	26	26	148
S.D.	2	1	2	2	2	1	5

Food consumption
Sex : Female
Period : F0 before mating Day 1-15
Dose : 3-methoxybutan-1-ol 0 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 2	8	15	Total food consumption
1101	19	13	23	55
1102	13	17	17	47
1103	10	17	17	44
1104	18	9	14	41
1105	18	18	23	59
1106	10	17	18	45
1107	15	20	18	53
1108	14	19	18	51
1109	17	16	13	46
1110	18	15	16	49
1111	20	16	16	52
1112	21	11	19	51
n	12	12	12	12
Mean	16	16	18	49
S.D.	4	3	3	5

Food consumption
Sex : Female
Period : F0 before mating Day 1-15
Dose : 3-methoxybutan-1-ol 100 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 2	8	15	Total food consumption
2101	17	13	17	47
2102	10	17	18	45
2103	15	21	21	57
2104	16	23	22	61
2105	19	16	25	60
2106	16	15	18	49
2107	18	20	24	62
2108	21	20	17	58
2109	21	15	22	58
2110	20	15	18	53
2111	16	18	15	49
2112	18	21	22	61
n	12	12	12	12
Mean	17	18	20	55
S.D.	3	3	3	6

Food consumption
Sex : Female
Period : F0 before mating Day 1-15
Dose : 3-methoxybutan-1-ol 300 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 2	8	15	Total food consumption
3101	18	15	20	53
3102	18	18	15	51
3103	14	14	18	46
3104	16	17	18	51
3105	15	18	17	50
3106	14	15	19	48
3107	19	15	17	51
3108	15	19	20	54
3109	11	19	19	49
3110	16	19	17	52
3111	16	15	17	48
3112	15	21	12	48
n	12	12	12	12
Mean	16	17	17	50
S.D.	2	2	2	2

Food consumption
Sex : Female
Period : F0 before mating Day 1-15
Dose : 3-methoxybutan-1-ol 1000 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 2	8	15	Total food consumption
4101	12	17	19	48
4102	17	18	15	50
4103	14	12	18	44
4104	12	19	19	50
4105	15	14	17	46
4106	17	20	18	55
4107	16	16	23	55
4108	13	14	17	44
4109	14	15	16	45
4110	13	17	17	47
4111	15	15	20	50
4112	13	19	19	51
n	12	12	12	12
Mean	14	16	18	49
S.D.	2	2	2	4

Food consumption
Sex : Female
Period : F0 gestation Day 0-25
Dose : 3-methoxybutan-1-ol 0 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 1	7	14	20	Total food consumption
1101	20	27	22	25	94
1102	12	19	21	25	77
1103	14	19	20	27	80
1104	17	20	25	22	84
1105	19	26	25	29	99
1106	18	20	20	21	79
1107	21	27	24	26	98
1108	19	23	25	29	96
1109	17	29	25	27	98
1110	11	22	23	22	78
1111	21	23	24	22	90
1112	20	28	26	26	100
n	12	12	12	12	12
Mean	17	24	23	25	89
S.D.	3	4	2	3	9

Food consumption
Sex : Female
Period : F0 gestation Day 0-25
Dose : 3-methoxybutan-1-ol 100 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 1	7	14	20	Total food consumption
2101	18	19	20	22	79
2102	18	21	23	28	90
2103	20	26	21	26	93
2104	17	28	25	25	95
2105	18	23	24	30	95
2106	17	24	20	23	84
2107	16	21	19	22	78
2109	21	30	22	24	97
2110	18	19	21	25	83
2111	18	23	24	25	90
2112	21	24	25	27	97
n	11	11	11	11	11
Mean	18	23	22	25	89
S.D.	2	4	2	2	7

Animal No.2108 : Non-pregnancy

Food consumption
Sex : Female
Period : F0 gestation Day 0-25
Dose : 3-methoxybutan-1-ol 300 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 1	7	14	20	Total food consumption
3101	23	27	29	26	105
3102	17	25	23	26	91
3103	17	24	29	29	99
3104	20	23	22	26	91
3105	20	23	26	25	94
3106	22	25	24	25	96
3107	18	16	18	19	71
3108	19	22	23	20	84
3109	20	28	26	23	97
3110	20	27	26	24	97
3111	17	27	23	23	90
3112	23	29	26	26	104
n	12	12	12	12	12
Mean	20	25	25	24	93
S.D.	2	3	3	3	9

Food consumption
Sex : Female
Period : F0 gestation Day 0-25
Dose : 3-methoxybutan-1-ol 1000 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 1	7	14	20	Total food consumption
4101	20	19	21	24	84
4102	19	31	27	29	106
4103	24	29	27	32	112
4104	20	22	25	24	91
4105	17	26	26	32	101
4106	18	21	24	27	90
4107	18	23	25	20	86
4108	13	21	22	21	77
4109	13	20	21	23	77
4110	18	20	22	24	84
4111	21	24	26	18	89
4112	13	21	22	23	79
n	12	12	12	12	12
Mean	18	23	24	25	90
S.D.	3	4	2	4	11

Food consumption
Sex : Female
Period : F0 lactation Day 0-5
Dose : 3-methoxybutan-1-ol 0 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 2	4	Total food consumption
1101	29	36	65
1102	36	44	80
1103	23	42	65
1104	21	37	58
1105	32	34	66
1106	31	33	64
1107	21	40	61
1108	25	40	65
1109	12	29	41
1110	29	42	71
1111	15	40	55
1112	21	40	61
n	12	12	12
Mean	25	38	63
S.D.	7	4	9

Food consumption
Sex : Female
Period : F0 lactation Day 0-5
Dose : 3-methoxybutan-1-ol 100 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 2	4	Total food consumption
2101	33	47	80
2102	31	37	68
2103	21	35	56
2104	24	35	59
2105	27	33	60
2106	26	39	65
2107	21	33	54
2109	16	41	57
2110	24	39	63
2111	26	47	73
2112	36	54	90
n	11	11	11
Mean	26	40	66
S.D.	6	7	11

Animal No.2108 : Non-pregnancy

Food consumption
Sex : Female
Period : F0 lactation Day 0-5
Dose : 3-methoxybutan-1-ol 300 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 2	4	Total food consumption
3102	15	20	35
3103	22	32	54
3104	33	43	76
3105	21	40	61
3106	31	47	78
3107	22	39	61
3108	29	38	67
3109	22	37	59
3110	21	42	63
3111	26	38	64
3112	30	46	76
n	11	11	11
Mean	25	38	63
S.D.	5	7	12

Animal No.3101 : Died on lactation day 1

Food consumption
Sex : Female
Period : F0 lactation Day 0-5
Dose : 3-methoxybutan-1-ol 1000 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 2	4	Total food consumption
4101	29	34	63
4102	28	43	71
4103	31	36	67
4104	20	31	51
4105	36	44	80
4106	26	38	64
4107	10	28	38
4108	24	33	57
4109	22	31	53
4110	29	35	64
4111	18	40	58
4112	34	49	83
n	12	12	12
Mean	26	37	62
S.D.	7	6	12

Food consumption
Sex : Female
Period : Administration
Dose : 3-methoxybutan-1-ol 0 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 2	8	15	30	36	42	Total food consumption
5101	17	15	21	20	17	19	109
5102	21	18	15	17	15	17	103
5103	12	19	20	14	19	15	99
5104	19	11	17	18	14	18	97
5105	20	20	22	17	19	15	113
5106	17	15	20	17	20	18	107
5107	19	20	22	18	19	16	114
5108	17	16	16	18	17	17	101
5109	19	19	17	16	17	22	110
5110	19	26	24	22	24	23	138
n	10	10	10	10	10	10	10
Mean	18	18	19	18	18	18	109
S.D.	2	4	3	2	3	3	12

Food consumption
Sex : Female
Period : Administration
Dose : 3-methoxybutan-1-ol 1000 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 2	8	15	30	36	42	Total food consumption
6101	18	16	15	18	17	20	104
6102	16	18	14	18	16	19	101
6103	11	18	17	12	19	14	91
6104	14	17	20	17	18	15	101
6105	13	18	21	20	19	20	111
6106	15	13	19	18	17	20	102
6107	15	20	20	18	23	17	113
6108	15	18	17	15	21	20	106
6109	17	18	16	18	15	18	102
6110	15	17	15	18	19	17	101
n	10	10	10	10	10	10	10
Mean	15	17	17	17	18	18	103
S.D.	2	2	2	2	2	2	6

Food consumption
Sex : Male
Period : Recovery Day 1-15
Dose : 3-methoxybutan-1-ol 0 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 2	8	14	Total food consumption
1008	24	24	28	76
1009	26	25	28	79
1010	29	28	29	86
1011	25	26	29	80
1012	28	22	23	73
n	5	5	5	5
Mean	26	25	27	79
S.D.	2	2	3	5

Food consumption
Sex : Male
Period : Recovery Day 1-15
Dose : 3-methoxybutan-1-ol 1000 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 2	8	14	Total food consumption
4008	30	25	24	79
4009	24	25	23	72
4010	28	27	26	81
4011	28	31	30	89
4012	25	27	27	79
n	5	5	5	5
Mean	27	27	26	80
S.D.	2	2	3	6

Food consumption
Sex : Female
Period : Recovery Day 1-15
Dose : 3-methoxybutan-1-ol 0 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 2	8	14	Total food consumption
5106	17	16	20	53
5107	22	22	19	63
5108	19	15	14	48
5109	18	15	17	50
5110	24	24	23	71
n	5	5	5	5
Mean	20	18	19	57
S.D.	3	4	3	10

Food consumption
Sex : Female
Period : Recovery Day 1-15
Dose : 3-methoxybutan-1-ol 1000 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 2	8	14	Total food consumption
6106	19	16	16	51
6107	24	15	19	58
6108	21	17	19	57
6109	18	17	16	51
6110	19	17	20	56
n	5	5	5	5
Mean	20	16	18	55
S.D.	2	1	2	3

Urinalysis
Sex : Male

Stage : Week 6 of administration
Dose : 3-methoxybutan-1-ol 0 mg/kg

Species : Rat

Animal No.	pH	Protein	Ketones	Glucose	Occult Blood	Bilirubin	Urobilinogen	Color
1008	>=9.0	-	+/-	-	+/-	-	+/-	Y
1009	>=9.0	1+	1+	-	+/-	-	+/-	Y
1010	>=9.0	-	-	-	1+	-	+/-	Y
1011	>=9.0	+/-	+/-	-	+/-	-	+/-	Y
1012	>=9.0	1+	1+	-	+/-	1+	+/-	Y
n	5	5	5	5	5	5	5	5

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
Sex : Male

Stage : Week 6 of administration
Dose : 3-methoxybutan-1-ol 100 mg/kg

Species : Rat

Animal No.	pH	Protein	Ketones	Glucose	Occult Blood	Bilirubin	Urobilinogen	Color
2008	8.5	+/-	1+	-	-	-	+/-	Y
2009	7.5	+/-	-	-	+/-	-	+/-	Y
2010	8.0	-	+/-	-	1+	-	+/-	Y
2011	7.5	-	+/-	-	-	-	+/-	Y
2012	8.5	+/-	+/-	-	+/-	-	+/-	Y
n	5	5	5	5	5	5	5	5

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
Sex : Male

Stage : Week 6 of administration
Dose : 3-methoxybutan-1-ol 300 mg/kg

Species : Rat

Animal No.	pH	Protein	Ketones	Glucose	Occult Blood	Bilirubin	Urobilinogen	Color
3008	6.5	1+	1+	-	-	-	+/-	Y
3009	7.0	1+	1+	-	-	-	+/-	Y
3010	7.5	+/-	-	-	+/-	-	+/-	Y
3011	7.0	+/-	1+	-	+/-	-	+/-	Y
3012	8.5	+/-	1+	-	+/-	-	+/-	Y
n	5	5	5	5	5	5	5	5

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
Sex : Male
Stage : Week 6 of administration
Dose : 3-methoxybutan-1-ol 1000 mg/kg
Species : Rat

Animal No.	pH	Protein	Ketones	Glucose	Occult Blood	Bilirubin	Urobilinogen	Color
4008	>=9.0	+/-	+/-	-	+/-	-	+/-	Y
4009	>=9.0	1+	1+	-	+/-	-	+/-	Y
4010	8.5	+/-	1+	-	+/-	-	+/-	Y
4011	>=9.0	+/-	1+	-	+/-	-	+/-	Y
4012	7.0	1+	+/-	-	+/-	-	+/-	Y
n	5	5	5	5	5	5	5	5

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
Sex : Male

Stage : Week 6 of administration
Dose : 3-methoxybutan-1-ol 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

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

Urinalysis
Sex : Male

Stage : Week 6 of administration
Dose : 3-methoxybutan-1-ol 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

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

Urinalysis
Sex : Male
Stage : Week 6 of administration
Dose : 3-methoxybutan-1-ol 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

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

Urinalysis
Sex : Male

Stage : Week 6 of administration
Dose : 3-methoxybutan-1-ol 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

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

Urinalysis
Sex : Male

Stage : Week 6 of administration
Dose : 3-methoxybutan-1-ol 0 mg/kg

Species : Rat

Animal No.	Urine volume mL/24h	Osmotic pressure mOsm/kg	U-Na mmol/24h	U-K mmol/24h	U-Cl mmol/24h
1008	19.9	1508	2.1	4.6	3.1
1009	9.5	1914	1.5	2.5	2.1
1010	35.8	1114	2.6	5.9	3.9
1011	18.1	1900	2.6	5.1	3.8
1012	4.3	3094	1.1	1.9	1.5
n	5	5	5	5	5
Mean	17.5	1906	2.0	4.0	2.9
S.D.	12.0	741	0.7	1.7	1.1

Urinalysis
Sex : Male

Stage : Week 6 of administration
Dose : 3-methoxybutan-1-ol 100 mg/kg

Species : Rat

Animal No.	Urine volume mL/24h	Osmotic pressure mOsm/kg	U-Na mmol/24h	U-K mmol/24h	U-Cl mmol/24h
2008	19.0	1672	3.2	4.7	3.7
2009	39.9	1072	3.0	6.5	4.1
2010	17.9	2132	2.0	5.9	3.6
2011	16.8	1912	2.1	5.5	3.3
2012	23.9	1306	2.3	5.0	3.3
n	5	5	5	5	5
Mean	23.5	1619	2.5	5.5	3.6
S.D.	9.6	433	0.5	0.7	0.3

Urinalysis
Sex : Male

Stage : Week 6 of administration
Dose : 3-methoxybutan-1-ol 300 mg/kg

Species : Rat

Animal No.	Urine volume mL/24h	Osmotic pressure mOsm/kg	U-Na mmol/24h	U-K mmol/24h	U-Cl mmol/24h
3008	9.1	2332	1.6	3.4	2.1
3009	8.6	2564	1.7	3.3	2.6
3010	11.8	1938	1.4	3.8	2.2
3011	16.0	1438	1.8	3.7	2.4
3012	15.1	2098	1.8	5.3	3.0
n	5	5	5	5	5
Mean	12.1	2074	1.7	3.9	2.5
S.D.	3.4	427	0.2	0.8	0.4

Urinalysis
Sex : Male

Stage : Week 6 of administration
Dose : 3-methoxybutan-1-ol 1000 mg/kg

Species : Rat

Animal No.	Urine volume mL/24h	Osmotic pressure mOsm/kg	U-Na mmol/24h	U-K mmol/24h	U-Cl mmol/24h
4008	12.9	1974	1.4	3.8	2.4
4009	10.3	2276	1.7	3.4	2.5
4010	12.1	2094	1.5	3.9	2.4
4011	11.0	2344	2.3	3.9	2.9
4012	30.7	968	2.2	4.3	2.8
n	5	5	5	5	5
Mean	15.4	1931	1.8	3.9	2.6
S.D.	8.6	558	0.4	0.3	0.2

Urinalysis
Sex : Female

Stage : Week 6 of administration
Dose : 3-methoxybutan-1-ol 0 mg/kg

Species : Rat

Animal No.	pH	Protein	Ketones	Glucose	Occult Blood	Bilirubin	Urobilinogen	Color
5106	>=9.0	-	-	-	-	-	+/-	Y
5107	>=9.0	-	-	-	-	-	+/-	Y
5108	>=9.0	-	-	-	-	-	+/-	Y
5109	8.5	-	-	-	-	-	+/-	Y
5110	7.0	-	-	-	-	-	+/-	Y
n	5	5	5	5	5	5	5	5

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
Sex : Female

Stage : Week 6 of administration
Dose : 3-methoxybutan-1-ol 1000 mg/kg

Species : Rat

Animal No.	pH	Protein	Ketones	Glucose	Occult Blood	Bilirubin	Urobilinogen	Color
6106	6.5	-	+/-	-	-	-	+/-	Y
6107	6.5	-	+/-	-	-	-	+/-	Y
6108	7.0	+/-	1+	-	-	-	+/-	Y
6109	6.5	1+	1+	-	-	-	+/-	Y
6110	6.5	+/-	1+	-	-	-	+/-	Y
n	5	5	5	5	5	5	5	5

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
Sex : Female

Stage : Week 6 of administration
Dose : 3-methoxybutan-1-ol 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

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

Urinalysis
Sex : Female

Stage : Week 6 of administration
Dose : 3-methoxybutan-1-ol 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

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

Urinalysis
Sex : Female

Stage : Week 6 of administration
Dose : 3-methoxybutan-1-ol 0 mg/kg

Species : Rat

Animal No.	Urine volume mL/24h	Osmotic pressure mOsm/kg	U-Na mmol/24h	U-K mmol/24h	U-Cl mmol/24h
5106	4.1	2554	0.6	1.6	1.0
5107	13.0	1480	1.6	2.8	2.1
5108	11.9	1346	1.0	2.4	1.5
5109	11.0	1342	1.0	2.4	1.8
5110	8.8	1972	1.6	2.7	2.3
n	5	5	5	5	5
Mean	9.8	1739	1.2	2.4	1.7
S.D.	3.5	524	0.4	0.5	0.5

Urinalysis
Sex : Female

Stage : Week 6 of administration
Dose : 3-methoxybutan-1-ol 1000 mg/kg

Species : Rat

Animal No.	Urine volume mL/24h	Osmotic pressure mOsm/kg	U-Na mmol/24h	U-K mmol/24h	U-Cl mmol/24h
6106	11.8	1628	1.7	2.6	2.1
6107	29.1	904	2.2	3.7	2.5
6108	9.9	1988	1.3	2.8	1.9
6109	8.3	1950	1.1	2.3	1.5
6110	13.0	1872	1.3	3.4	2.1
n	5	5	5	5	5
Mean	14.4	1668	1.5	3.0	2.0
S.D.	8.4	450	0.4	0.6	0.4

Urinalysis
Sex : Male

Stage : Week 2 of recovery
Dose : 3-methoxybutan-1-ol 0 mg/kg

Species : Rat

Animal No.	pH	Protein	Ketones	Glucose	Occult Blood	Bilirubin	Urobilinogen	Color
1008	>=9.0	-	+/-	1+	+/-	-	+/-	Y
1009	>=9.0	1+	1+	-	+/-	-	+/-	Y
1010	8.5	-	-	-	+/-	-	+/-	Y
1011	>=9.0	+/-	+/-	-	+/-	-	+/-	Y
1012	>=9.0	2+	2+	-	-	1+	+/-	Y
n	5	5	5	5	5	5	5	5

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
Sex : Male
Stage : Week 2 of recovery
Dose : 3-methoxybutan-1-ol 1000 mg/kg
Species : Rat

Animal No.	pH	Protein	Ketones	Glucose	Occult Blood	Bilirubin	Urobilinogen	Color
4008	>=9.0	-	+/-	-	+/-	-	+/-	Y
4009	>=9.0	+/-	+/-	-	+/-	-	+/-	Y
4010	>=9.0	-	+/-	-	+/-	-	+/-	Y
4011	>=9.0	-	+/-	-	+/-	-	+/-	Y
4012	8.5	-	-	-	+/-	-	+/-	Y
n	5	5	5	5	5	5	5	5

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
Sex : Male

Stage : Week 2 of recovery
Dose : 3-methoxybutan-1-ol 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

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

Urinalysis
Sex : Male

Stage : Week 2 of recovery
Dose : 3-methoxybutan-1-ol 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

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

Urinalysis
Sex : Male

Stage : Week 2 of recovery
Dose : 3-methoxybutan-1-ol 0 mg/kg

Species : Rat

Animal No.	Urine volume mL/24h	Osmotic pressure mOsm/kg	U-Na mmol/24h	U-K mmol/24h	U-Cl mmol/24h
1008	20.5	1584	2.7	4.7	3.5
1009	9.1	2140	1.2	2.9	1.7
1010	31.5	1370	3.3	6.3	4.5
1011	20.0	1688	2.5	5.1	3.6
1012	5.5	2912	1.0	2.3	1.7
n	5	5	5	5	5
Mean	17.3	1939	2.1	4.3	3.0
S.D.	10.3	612	1.0	1.6	1.2

Urinalysis
Sex : Male

Stage : Week 2 of recovery
Dose : 3-methoxybutan-1-ol 1000 mg/kg

Species : Rat

Animal No.	Urine volume mL/24h	Osmotic pressure mOsm/kg	U-Na mmol/24h	U-K mmol/24h	U-Cl mmol/24h
4008	14.4	2354	2.5	5.0	3.7
4009	9.7	2386	1.6	3.6	2.6
4010	16.9	1902	1.9	4.7	3.4
4011	19.3	2210	3.2	6.1	4.4
4012	27.8	1254	2.0	5.1	3.2
n	5	5	5	5	5
Mean	17.6	2021	2.2	4.9	3.5
S.D.	6.7	470	0.6	0.9	0.7

Urinalysis
Sex : Female
S Stage : Week 2 of recovery
Dose : 3-methoxybutan-1-ol 0 mg/kg
Species : Rat

Animal No.	pH	Protein	Ketones	Glucose	Occult Blood	Bilirubin	Urobilinogen	Color
5106	6.0	1+	+/-	-	-	-	+/-	Y
5107	8.0	-	-	-	-	-	+/-	Y
5108	8.5	-	-	-	-	-	+/-	Y
5109	6.5	-	+/-	-	-	-	+/-	Y
5110	8.5	-	-	-	-	-	+/-	Y
n	5	5	5	5	5	5	5	5

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
Sex : Female

Stage : Week 2 of recovery
Dose : 3-methoxybutan-1-ol 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	7.5	+/-	+/-	-	-	-	+/-	Y
6109	>=9.0	-	-	-	-	-	+/-	Y
6110	>=9.0	-	-	-	-	-	+/-	Y
n	5	5	5	5	5	5	5	5

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
Sex : Female
Stage : Week 2 of recovery
Dose : 3-methoxybutan-1-ol 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

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

Urinalysis
Sex : Female

Stage : Week 2 of recovery
Dose : 3-methoxybutan-1-ol 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

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

Urinalysis
Sex : Female

Stage : Week 2 of recovery
Dose : 3-methoxybutan-1-ol 0 mg/kg

Species : Rat

Animal No.	Urine volume mL/24h	Osmotic pressure mOsm/kg	U-Na mmol/24h	U-K mmol/24h	U-Cl mmol/24h
5106	6.6	2186	0.9	2.2	1.4
5107	14.3	1468	1.4	3.0	1.9
5108	12.3	1530	1.4	2.7	1.9
5109	9.6	1384	1.3	1.7	1.5
5110	11.4	1744	1.7	2.8	2.3
n	5	5	5	5	5
Mean	10.8	1662	1.3	2.5	1.8
S.D.	2.9	322	0.3	0.5	0.4

Urinalysis
Sex : Female

Stage : Week 2 of recovery
Dose : 3-methoxybutan-1-ol 1000 mg/kg

Species : Rat

Animal No.	Urine volume mL/24h	Osmotic pressure mOsm/kg	U-Na mmol/24h	U-K mmol/24h	U-Cl mmol/24h
6106	20.0	1084	1.4	3.1	2.3
6107	9.5	1716	1.2	2.1	1.4
6108	8.6	2030	1.3	2.5	1.7
6109	6.8	2150	1.0	2.2	1.5
6110	9.5	1612	1.3	2.2	1.4
n	5	5	5	5	5
Mean	10.9	1718	1.2	2.4	1.7
S.D.	5.2	417	0.2	0.4	0.4

Hematology
Sex : Male

Stage : End of administration
Dose : 3-methoxybutan-1-ol 0 mg/kg

Species : Rat

Animal No.	RBC $10^4/\mu L$	HGB g/dL	HCT %	MCV fL	MCH pg	MCHC g/dL	RETIC %	PLT $10^4/\mu L$	WBC $10^2/\mu L$	LYMP %	NEUT %
1001	881	15.6	45.1	51.2	17.7	34.7	1.6	90.0	66.7	78.9	15.3
1002	826	16.0	46.2	56.0	19.4	34.6	2.3	98.8	88.9	70.6	25.8
1003	836	15.9	46.1	55.1	19.0	34.5	2.1	94.7	46.9	72.8	22.7
1004	787	14.5	42.0	53.3	18.5	34.6	2.1	90.1	66.4	82.0	14.1
1005	847	15.9	46.0	54.3	18.8	34.6	2.0	89.3	62.0	80.4	17.0
n	5	5	5	5	5	5	5	5	5	5	5
Mean	835	15.6	45.1	54.0	18.7	34.6	2.0	92.6	66.2	76.9	19.0
S.D.	34	0.6	1.8	1.8	0.6	0.1	0.3	4.1	15.0	5.0	5.0

Animal No.	EOS %	BASO %	MONO %	LUC %	#LYMP $10^2/\mu L$	#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
1001	2.4	0.2	2.6	0.7	52.6	10.2	1.6	0.1	1.7	0.5	13.8
1002	0.9	0.3	1.9	0.5	62.7	23.0	0.8	0.3	1.7	0.4	13.4
1003	2.1	0.1	2.0	0.2	34.2	10.7	1.0	0.1	1.0	0.1	13.5
1004	1.1	0.2	2.2	0.4	54.5	9.4	0.7	0.1	1.5	0.3	17.5
1005	0.7	0.2	1.3	0.4	49.9	10.6	0.4	0.1	0.8	0.2	13.2
n	5	5	5	5	5	5	5	5	5	5	5
Mean	1.4	0.2	2.0	0.4	50.8	12.8	0.9	0.1	1.3	0.3	14.3
S.D.	0.8	0.1	0.5	0.2	10.4	5.7	0.4	0.1	0.4	0.2	1.8

Animal No.	APTT s	FIB mg/dL
1001	18.0	221
1002	17.3	281
1003	17.0	251
1004	19.4	280
1005	18.4	316
n	5	5
Mean	18.0	270
S.D.	0.9	36

Hematology
Sex : Male

Stage : End of administration
Dose : 3-methoxybutan-1-ol 100 mg/kg

Species : Rat

Animal No.	RBC $10^4/\mu L$	HGB g/dL	HCT %	MCV fL	MCH pg	MCHC g/dL	RETIC %	PLT $10^4/\mu L$	WBC $10^2/\mu L$	LYMP %	NEUT %
2001	810	15.2	42.1	52.0	18.8	36.1	2.3	96.0	71.7	78.5	17.9
2002	865	16.5	46.6	53.9	19.1	35.4	1.6	108.1	69.7	77.9	17.6
2003	829	15.2	43.1	52.0	18.3	35.2	1.7	102.1	77.8	75.8	20.7
2004	766	14.8	40.7	53.2	19.3	36.4	1.8	88.7	69.6	79.7	13.6
2005	871	15.2	44.9	51.6	17.4	33.8	2.4	108.3	109.7	77.5	17.4
n	5	5	5	5	5	5	5	5	5	5	5
Mean	828	15.4	43.5	52.5	18.6	35.4	2.0	100.6	79.7	77.9	17.4
S.D.	43	0.6	2.3	1.0	0.8	1.0	0.4	8.4	17.1	1.4	2.5

Animal No.	EOS %	BASO %	MONO %	LUC %	#LYMP $10^2/\mu L$	#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
2001	1.6	0.1	1.5	0.3	56.3	12.8	1.2	0.1	1.1	0.2	13.1
2002	1.9	0.2	2.0	0.3	54.3	12.3	1.3	0.1	1.4	0.2	14.4
2003	1.4	0.2	1.3	0.7	58.9	16.1	1.1	0.1	1.0	0.5	14.6
2004	1.6	0.3	3.9	0.9	55.5	9.4	1.1	0.2	2.7	0.6	13.2
2005	0.8	0.2	3.4	0.7	85.0	19.1	0.9	0.3	3.7	0.7	14.6
n	5	5	5	5	5	5	5	5	5	5	5
Mean	1.5	0.2	2.4	0.6	62.0	13.9	1.1	0.2	2.0	0.4	14.0
S.D.	0.4	0.1	1.2	0.3	13.0	3.7	0.1	0.1	1.2	0.2	0.8

Animal No.	APTT s	FIB mg/dL
2001	14.7	221
2002	17.0	221
2003	17.2	272
2004	17.0	257
2005	20.6	281
n	5	5
Mean	17.3	250
S.D.	2.1	28

Hematology
Sex : Male

Stage : End of administration
Dose : 3-methoxybutan-1-ol 300 mg/kg

Species : Rat

Animal No.	RBC $10^4/\mu L$	HGB g/dL	HCT %	MCV fL	MCH pg	MCHC g/dL	RETIC %	PLT $10^4/\mu L$	WBC $10^2/\mu L$	LYMP %	NEUT %
3001	812	15.5	44.2	54.5	19.1	35.0	2.3	80.3	75.9	72.0	22.9
3002	792	15.6	44.6	56.3	19.7	35.0	1.8	102.6	51.6	71.3	23.7
3003	861	15.3	44.5	51.7	17.8	34.4	2.2	114.8	75.4	75.4	19.6
3004	812	15.0	43.1	53.1	18.5	34.8	2.0	110.4	63.8	79.9	15.5
3005	816	15.3	44.0	53.9	18.8	34.8	2.4	114.2	69.1	67.9	26.7
n	5	5	5	5	5	5	5	5	5	5	5
Mean	819	15.3	44.1	53.9	18.8	34.8	2.1	104.5	67.2	73.3	21.7
S.D.	25	0.2	0.6	1.7	0.7	0.2	0.2	14.4	10.0	4.6	4.3

Animal No.	EOS %	BASO %	MONO %	LUC %	#LYMP $10^2/\mu L$	#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
3001	1.8	0.2	2.8	0.3	54.6	17.4	1.4	0.2	2.1	0.2	13.4
3002	1.9	0.2	2.5	0.4	36.8	12.3	1.0	0.1	1.3	0.2	13.5
3003	1.7	0.3	2.3	0.7	56.9	14.8	1.3	0.2	1.7	0.5	13.1
3004	1.7	0.2	2.0	0.8	50.9	9.9	1.1	0.1	1.3	0.5	13.8
3005	2.5	0.2	2.4	0.4	46.9	18.5	1.7	0.1	1.7	0.3	13.8
n	5	5	5	5	5	5	5	5	5	5	5
Mean	1.9	0.2	2.4	0.5	49.2	14.6	1.3	0.1	1.6	0.3	13.5
S.D.	0.3	0.0	0.3	0.2	7.9	3.6	0.3	0.1	0.3	0.2	0.3

Animal No.	APTT s	FIB mg/dL
3001	20.0	248
3002	17.0	225
3003	16.2	258
3004	15.9	266
3005	16.3	246
n	5	5
Mean	17.1	249
S.D.	1.7	15

Hematology
Sex : Male

Stage : End of administration
Dose : 3-methoxybutan-1-ol 1000 mg/kg

Species : Rat

Animal No.	RBC $10^4/\mu L$	HGB g/dL	HCT %	MCV fL	MCH pg	MCHC g/dL	RETIC %	PLT $10^4/\mu L$	WBC $10^2/\mu L$	LYMP %	NEUT %
4001	858	16.2	47.4	55.3	18.9	34.1	2.0	103.8	74.5	80.6	14.2
4002	840	15.5	45.0	53.5	18.5	34.5	2.1	115.3	89.6	75.8	20.5
4003	798	15.8	43.8	54.9	19.7	36.0	1.8	106.0	53.4	76.1	19.6
4004	864	15.7	44.7	51.8	18.2	35.1	1.6	107.0	87.7	76.7	18.5
4005	801	15.0	42.2	52.7	18.7	35.6	2.0	110.7	67.3	78.1	17.9
n	5	5	5	5	5	5	5	5	5	5	5
Mean	832	15.6	44.6	53.6	18.8	35.1	1.9	108.6	74.5	77.5	18.1
S.D.	31	0.4	1.9	1.5	0.6	0.8	0.2	4.5	15.0	2.0	2.4

Animal No.	EOS %	BASO %	MONO %	LUC %	#LYMP $10^2/\mu L$	#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
4001	2.0	0.3	2.8	0.3	60.0	10.6	1.5	0.2	2.1	0.2	13.3
4002	1.3	0.3	1.8	0.3	67.9	18.4	1.2	0.2	1.6	0.3	14.4
4003	1.6	0.3	2.1	0.5	40.6	10.4	0.8	0.1	1.1	0.2	13.2
4004	1.2	0.3	2.1	1.2	67.3	16.2	1.0	0.2	1.8	1.1	13.3
4005	1.4	0.2	1.8	0.5	52.6	12.0	1.0	0.2	1.2	0.3	14.0
n	5	5	5	5	5	5	5	5	5	5	5
Mean	1.5	0.3	2.1	0.6	57.7	13.5	1.1	0.2	1.6	0.4	13.6
S.D.	0.3	0.0	0.4	0.4	11.4	3.6	0.3	0.0	0.4	0.4	0.5

Animal No.	APTT s	FIB mg/dL
4001	18.7	267
4002	17.1	248
4003	19.8	249
4004	16.2	222
4005	16.9	254
n	5	5
Mean	17.7	248
S.D.	1.5	16

Hematology
Sex : Female
Stage : Lactation day 5
Dose : 3-methoxybutan-1-ol 0 mg/kg
Species : Rat

Animal No.	RBC $10^4/\mu L$	HGB g/dL	HCT %	MCV fL	MCH pg	MCHC g/dL	RETIC %	PLT $10^4/\mu L$	WBC $10^2/\mu L$	LYMP %	NEUT %
1101	666	12.3	36.2	54.4	18.4	33.9	6.3	119.8	83.0	52.7	42.5
1104	709	13.6	39.9	56.3	19.2	34.1	5.4	121.0	106.4	66.9	24.7
1105	661	14.4	41.9	63.4	21.8	34.4	8.8	149.8	93.8	57.2	33.5
1106	672	12.9	38.0	56.5	19.2	34.0	9.4	126.5	120.5	52.7	41.0
1112	712	13.9	40.6	57.0	19.6	34.3	5.2	117.3	77.4	61.9	29.0
n	5	5	5	5	5	5	5	5	5	5	5
Mean	684	13.4	39.3	57.5	19.6	34.1	7.0	126.9	96.2	58.3	34.1
S.D.	25	0.8	2.2	3.4	1.3	0.2	2.0	13.2	17.5	6.1	7.6

Animal No.	EOS %	BASO %	MONO %	LUC %	#LYMP $10^2/\mu L$	#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
1101	1.0	0.1	3.3	0.3	43.8	35.3	0.8	0.1	2.8	0.3	11.0
1104	0.8	0.3	5.6	1.7	71.2	26.3	0.9	0.3	5.9	1.8	12.9
1105	1.3	0.1	6.4	1.4	53.6	31.5	1.2	0.1	6.0	1.3	11.6
1106	0.4	0.2	4.5	1.3	63.5	49.4	0.5	0.2	5.4	1.5	11.9
1112	1.0	0.1	6.4	1.6	47.9	22.4	0.8	0.1	4.9	1.3	12.9
n	5	5	5	5	5	5	5	5	5	5	5
Mean	0.9	0.2	5.2	1.3	56.0	33.0	0.8	0.2	5.0	1.2	12.1
S.D.	0.3	0.1	1.3	0.6	11.3	10.4	0.3	0.1	1.3	0.6	0.8

Animal No.	APTT s	FIB mg/dL
1101	12.9	285
1104	15.8	316
1105	14.1	245
1106	14.2	332
1112	14.5	257
n	5	5
Mean	14.3	287
S.D.	1.0	37

Hematology
Sex : Female
Stage : Lactation day 5
Dose : 3-methoxybutan-1-ol 100 mg/kg
Species : Rat

Animal No.	RBC $10^4/\mu L$	HGB g/dL	HCT %	MCV fL	MCH pg	MCHC g/dL	RETIC %	PLT $10^4/\mu L$	WBC $10^2/\mu L$	LYMP %	NEUT %
2101	686	13.6	39.8	58.0	19.8	34.2	7.7	121.3	127.8	55.8	40.3
2105	731	14.1	40.9	56.0	19.3	34.5	4.3	132.0	131.2	63.7	31.4
2109	600	12.3	35.9	59.8	20.5	34.2	10.4	159.1	128.5	44.3	50.9
2110	702	14.0	40.7	57.9	19.9	34.4	5.3	152.6	80.3	56.8	34.8
2111	707	13.9	40.8	57.8	19.6	34.0	6.1	132.2	126.0	53.7	39.0
n	5	5	5	5	5	5	5	5	5	5	5
Mean	685	13.6	39.6	57.9	19.8	34.3	6.8	139.4	118.8	54.9	39.3
S.D.	50	0.7	2.1	1.3	0.4	0.2	2.4	15.8	21.6	7.0	7.4

Animal No.	EOS %	BASO %	MONO %	LUC %	#LYMP $10^2/\mu L$	#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
2101	0.4	0.2	2.7	0.6	71.3	51.5	0.5	0.3	3.4	0.8	11.7
2105	0.6	0.2	3.4	0.6	83.6	41.2	0.8	0.3	4.5	0.8	11.4
2109	0.4	0.2	3.5	0.8	56.9	65.3	0.5	0.3	4.4	1.1	10.6
2110	2.4	0.1	4.6	1.3	45.6	27.9	1.9	0.1	3.7	1.1	12.4
2111	0.4	0.3	5.3	1.3	67.7	49.2	0.5	0.3	6.7	1.6	13.3
n	5	5	5	5	5	5	5	5	5	5	5
Mean	0.8	0.2	3.9	0.9	65.0	47.0	0.8	0.3	4.5	1.1	11.9
S.D.	0.9	0.1	1.0	0.4	14.4	13.8	0.6	0.1	1.3	0.3	1.0

Animal No.	APTT s	FIB mg/dL
2101	11.7	298
2105	12.5	258
2109	12.7	308
2110	14.1	253
2111	16.4	274
n	5	5
Mean	13.5	278
S.D.	1.8	24

Hematology
Sex : Female
Stage : Lactation day 5
Dose : 3-methoxybutan-1-ol 300 mg/kg
Species : Rat

Animal No.	RBC $10^4/\mu L$	HGB g/dL	HCT %	MCV fL	MCH pg	MCHC g/dL	RETIC %	PLT $10^4/\mu L$	WBC $10^2/\mu L$	LYMP %	NEUT %
3103	737	14.7	42.4	57.5	20.0	34.7	4.9	102.2	133.0	75.3	18.0
3104	671	13.3	39.1	58.3	19.9	34.1	7.9	137.0	91.3	73.4	22.3
3105	706	13.8	40.4	57.2	19.5	34.1	5.7	176.5	89.3	59.8	35.2
3107	674	14.6	41.9	62.2	21.6	34.8	7.0	122.5	99.2	67.7	27.7
3111	760	14.5	42.5	55.9	19.1	34.1	5.0	120.3	119.2	53.2	40.7
n	5	5	5	5	5	5	5	5	5	5	5
Mean	710	14.2	41.3	58.2	20.0	34.4	6.1	131.7	106.4	65.9	28.8
S.D.	39	0.6	1.5	2.4	1.0	0.4	1.3	27.9	19.0	9.3	9.3

Animal No.	EOS %	BASO %	MONO %	LUC %	#LYMP $10^2/\mu L$	#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
3103	0.4	0.3	5.0	1.0	100.1	23.9	0.5	0.4	6.6	1.4	13.4
3104	0.5	0.3	2.3	1.1	67.0	20.4	0.4	0.3	2.1	1.0	13.5
3105	1.0	0.2	3.5	0.3	53.4	31.4	0.9	0.2	3.2	0.3	11.7
3107	0.4	0.3	3.0	0.9	67.1	27.5	0.4	0.3	3.0	0.9	13.3
3111	0.6	0.2	4.9	0.5	63.3	48.5	0.7	0.2	5.8	0.6	13.0
n	5	5	5	5	5	5	5	5	5	5	5
Mean	0.6	0.3	3.7	0.8	70.2	30.3	0.6	0.3	4.1	0.8	13.0
S.D.	0.2	0.1	1.2	0.3	17.6	10.9	0.2	0.1	1.9	0.4	0.7

Animal No.	APTT s	FIB mg/dL
3103	15.9	246
3104	16.8	383
3105	16.0	220
3107	15.0	242
3111	13.5	262
n	5	5
Mean	15.4	271
S.D.	1.3	65

Hematology
Sex : Female
Stage : Lactation day 5
Dose : 3-methoxybutan-1-ol 1000 mg/kg
Species : Rat

Animal No.	RBC $10^4/\mu L$	HGB g/dL	HCT %	MCV fL	MCH pg	MCHC g/dL	RETIC %	PLT $10^4/\mu L$	WBC $10^2/\mu L$	LYMP %	NEUT %
4105	724	14.3	41.1	56.8	19.8	34.8	5.4	150.7	127.1	61.0	34.1
4106	682	13.6	40.6	59.5	20.0	33.6	5.8	126.7	79.9	76.7	19.5
4107	765	14.5	42.1	55.0	19.0	34.6	5.2	115.5	140.6	69.5	21.7
4108	625	13.0	37.6	60.1	20.7	34.5	7.5	136.8	123.2	64.6	30.3
4109	668	13.6	39.3	58.9	20.4	34.6	6.0	122.6	98.7	81.2	11.8
n	5	5	5	5	5	5	5	5	5	5	5
Mean	693	13.8	40.1	58.1	20.0	34.4	6.0	130.5	113.9	70.6	23.5
S.D.	54	0.6	1.7	2.1	0.6	0.5	0.9	13.7	24.3	8.4	8.9

Animal No.	EOS %	BASO %	MONO %	LUC %	#LYMP $10^2/\mu L$	#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
4105	0.5	0.3	3.5	0.6	77.6	43.3	0.6	0.4	4.4	0.8	13.3
4106	0.5	0.2	2.6	0.5	61.3	15.6	0.4	0.1	2.0	0.4	13.2
4107	0.6	0.4	6.9	0.8	97.8	30.5	0.9	0.5	9.7	1.2	13.0
4108	0.4	0.3	3.9	0.4	79.6	37.3	0.5	0.4	4.9	0.5	12.9
4109	0.8	0.3	4.5	1.3	80.2	11.7	0.8	0.3	4.5	1.3	12.2
n	5	5	5	5	5	5	5	5	5	5	5
Mean	0.6	0.3	4.3	0.7	79.3	27.7	0.6	0.3	5.1	0.8	12.9
S.D.	0.2	0.1	1.6	0.4	12.9	13.7	0.2	0.2	2.8	0.4	0.4

Animal No.	APTT s	FIB mg/dL
4105	15.1	264
4106	14.9	272
4107	17.1	218
4108	17.8	253
4109	12.6	211
n	5	5
Mean	15.5	244
S.D.	2.0	28

Hematology
Sex : Female
Stage : End of administration
Dose : 3-methoxybutan-1-ol 0 mg/kg
Species : Rat

Animal No.	RBC $10^4/\mu L$	HGB g/dL	HCT %	MCV fL	MCH pg	MCHC g/dL	RETIC %	PLT $10^4/\mu L$	WBC $10^2/\mu L$	LYMP %	NEUT %
5101	813	16.2	44.8	55.1	20.0	36.2	1.5	108.5	47.2	80.9	13.7
5102	793	15.8	44.3	55.9	19.9	35.6	2.1	95.8	50.0	73.6	20.9
5103	815	15.8	44.0	54.0	19.3	35.8	1.6	124.5	58.7	66.1	27.6
5104	781	15.1	42.0	53.8	19.4	36.0	2.4	117.7	42.4	82.7	12.6
5105	789	15.8	44.0	55.8	20.0	35.8	1.9	106.1	61.6	77.6	16.7
n	5	5	5	5	5	5	5	5	5	5	5
Mean	798	15.7	43.8	54.9	19.7	35.9	1.9	110.5	52.0	76.2	18.3
S.D.	15	0.4	1.1	1.0	0.3	0.2	0.4	11.0	8.0	6.6	6.1

Animal No.	EOS %	BASO %	MONO %	LUC %	#LYMP $10^2/\mu L$	#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
5101	2.7	0.3	1.8	0.6	38.2	6.5	1.3	0.1	0.9	0.3	14.5
5102	1.3	0.3	2.9	1.0	36.8	10.4	0.7	0.1	1.5	0.5	13.9
5103	1.8	0.2	3.9	0.3	38.8	16.2	1.0	0.1	2.3	0.2	13.4
5104	1.6	0.2	2.1	0.8	35.1	5.3	0.7	0.1	0.9	0.3	14.8
5105	1.2	0.3	3.3	1.0	47.8	10.3	0.7	0.2	2.0	0.6	14.2
n	5	5	5	5	5	5	5	5	5	5	5
Mean	1.7	0.3	2.8	0.7	39.3	9.7	0.9	0.1	1.5	0.4	14.2
S.D.	0.6	0.1	0.9	0.3	4.9	4.3	0.3	0.0	0.6	0.2	0.5

Animal No.	APTT s	FIB mg/dL
5101	16.2	184
5102	19.0	176
5103	13.6	189
5104	13.9	200
5105	13.8	208
n	5	5
Mean	15.3	191
S.D.	2.3	13

Hematology
Sex : Female
Stage : End of administration
Dose : 3-methoxybutan-1-ol 1000 mg/kg
Species : Rat

Animal No.	RBC $10^4/\mu L$	HGB g/dL	HCT %	MCV fL	MCH pg	MCHC g/dL	RETIC %	PLT $10^4/\mu L$	WBC $10^2/\mu L$	LYMP %	NEUT %
6101	818	15.3	44.0	53.9	18.7	34.8	1.5	91.3	40.6	72.1	20.2
6102	770	14.6	41.4	53.8	19.0	35.3	2.0	120.6	38.1	75.7	17.6
6103	795	15.9	45.5	57.2	20.0	35.0	1.8	94.1	61.1	82.5	12.4
6104	787	15.2	42.2	53.6	19.3	36.1	1.0	112.2	59.6	71.0	25.2
6105	780	14.9	41.6	53.4	19.1	35.8	2.4	118.2	39.1	79.0	16.8
n	5	5	5	5	5	5	5	5	5	5	5
Mean	790	15.2	42.9	54.4	19.2	35.4	1.7	107.3	47.7	76.1	18.4
S.D.	18	0.5	1.8	1.6	0.5	0.5	0.5	13.7	11.6	4.8	4.7

Animal No.	EOS %	BASO %	MONO %	LUC %	#LYMP $10^2/\mu L$	#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
6101	2.7	0.1	3.9	1.0	29.3	8.2	1.1	0.1	1.6	0.4	14.3
6102	1.7	0.1	4.1	0.9	28.8	6.7	0.7	0.0	1.5	0.3	14.2
6103	1.1	0.2	3.4	0.4	50.4	7.6	0.7	0.1	2.1	0.3	14.3
6104	0.7	0.1	2.8	0.3	42.3	15.0	0.4	0.0	1.7	0.2	13.2
6105	1.3	0.2	2.4	0.3	30.9	6.6	0.5	0.1	0.9	0.1	15.0
n	5	5	5	5	5	5	5	5	5	5	5
Mean	1.5	0.1	3.3	0.6	36.3	8.8	0.7	0.1	1.6	0.3	14.2
S.D.	0.8	0.1	0.7	0.3	9.6	3.5	0.3	0.1	0.4	0.1	0.6

Animal No.	APTT s	FIB mg/dL
6101	16.2	182
6102	14.3	198
6103	15.0	164
6104	16.5	154
6105	16.5	216
n	5	5
Mean	15.7	183
S.D.	1.0	25

Hematology
Sex : Male

Stage : End of recovery
Dose : 3-methoxybutan-1-ol 0 mg/kg

Species : Rat

Animal No.	RBC $10^4/\mu L$	HGB g/dL	HCT %	MCV fL	MCH pg	MCHC g/dL	RETIC %	PLT $10^4/\mu L$	WBC $10^2/\mu L$	LYMP %	NEUT %
1008	824	15.5	45.1	54.7	18.8	34.4	1.7	92.0	121.2	81.8	12.1
1009	904	15.8	46.7	51.6	17.5	34.0	1.6	96.4	62.2	70.4	18.0
1010	855	15.1	43.6	51.0	17.6	34.6	2.0	88.4	72.3	72.2	19.4
1011	775	14.6	42.4	54.7	18.9	34.5	2.1	99.3	72.8	76.0	15.3
1012	915	15.5	44.7	48.9	16.9	34.6	1.4	97.7	50.3	67.3	24.0
n	5	5	5	5	5	5	5	5	5	5	5
Mean	855	15.3	44.5	52.2	17.9	34.4	1.8	94.8	75.8	73.5	17.8
S.D.	58	0.5	1.6	2.5	0.9	0.2	0.3	4.5	27.0	5.6	4.5

Animal No.	EOS %	BASO %	MONO %	LUC %	#LYMP $10^2/\mu L$	#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
1008	1.6	0.3	3.7	0.6	99.2	14.6	1.9	0.3	4.4	0.8	14.7
1009	4.0	0.2	6.6	0.7	43.8	11.2	2.5	0.1	4.1	0.5	12.2
1010	1.8	0.2	6.0	0.4	52.2	14.0	1.3	0.1	4.3	0.3	14.0
1011	1.7	0.2	5.6	1.1	55.3	11.2	1.2	0.2	4.1	0.8	14.4
1012	3.6	0.2	3.8	1.1	33.9	12.1	1.8	0.1	1.9	0.5	23.4
n	5	5	5	5	5	5	5	5	5	5	5
Mean	2.5	0.2	5.1	0.8	56.9	12.6	1.7	0.2	3.8	0.6	15.7
S.D.	1.2	0.0	1.3	0.3	25.1	1.6	0.5	0.1	1.0	0.2	4.4

Animal No.	APTT s	FIB mg/dL
1008	20.3	260
1009	14.3	270
1010	17.0	380
1011	16.3	249
1012	19.6	324
n	5	5
Mean	17.5	297
S.D.	2.5	55

Hematology
Sex : Male
Stage : End of recovery
Dose : 3-methoxybutan-1-ol 1000 mg/kg
Species : Rat

Animal No.	RBC $10^4/\mu L$	HGB g/dL	HCT %	MCV fL	MCH pg	MCHC g/dL	RETIC %	PLT $10^4/\mu L$	WBC $10^2/\mu L$	LYMP %	NEUT %
4008	856	15.1	44.6	52.1	17.6	33.8	1.8	109.2	88.5	74.6	18.3
4009	867	14.7	43.4	50.0	16.9	33.8	1.6	96.4	68.5	69.8	22.6
4010	927	15.9	47.6	51.3	17.2	33.4	1.6	81.7	77.2	85.0	9.8
4011	817	14.6	42.8	52.3	17.8	34.1	2.0	103.2	66.2	79.9	13.9
4012	806	14.7	42.2	52.3	18.3	34.9	1.7	121.9	79.0	80.7	14.3
n	5	5	5	5	5	5	5	5	5	5	5
Mean	855	15.0	44.1	51.6	17.6	34.0	1.7	102.5	75.9	78.0	15.8
S.D.	48	0.5	2.1	1.0	0.5	0.6	0.2	14.9	8.9	5.9	4.9

Animal No.	EOS %	BASO %	MONO %	LUC %	#LYMP $10^2/\mu L$	#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
4008	2.0	0.3	3.7	1.1	66.1	16.2	1.8	0.3	3.3	1.0	16.8
4009	2.0	0.3	3.9	1.5	47.8	15.5	1.4	0.2	2.7	1.0	12.3
4010	0.7	0.3	2.7	1.5	65.6	7.6	0.6	0.3	2.1	1.1	14.8
4011	2.0	0.2	3.5	0.5	52.9	9.2	1.3	0.1	2.3	0.3	13.9
4012	1.3	0.3	2.4	1.1	63.7	11.3	1.0	0.2	1.9	0.8	14.7
n	5	5	5	5	5	5	5	5	5	5	5
Mean	1.6	0.3	3.2	1.1	59.2	12.0	1.2	0.2	2.5	0.8	14.5
S.D.	0.6	0.0	0.7	0.4	8.3	3.8	0.4	0.1	0.6	0.3	1.6

Animal No.	APTT s	FIB mg/dL
4008	23.0	255
4009	16.7	449
4010	20.0	303
4011	16.9	275
4012	15.2	255
n	5	5
Mean	18.4	307
S.D.	3.1	82

Hematology
Sex : Female
Stage : End of recovery
Dose : 3-methoxybutan-1-ol 0 mg/kg
Species : Rat

Animal No.	RBC $10^4/\mu L$	HGB g/dL	HCT %	MCV fL	MCH pg	MCHC g/dL	RETIC %	PLT $10^4/\mu L$	WBC $10^2/\mu L$	LYMP %	NEUT %
5106	806	15.3	43.7	54.3	19.0	35.1	1.8	110.9	31.2	74.3	19.5
5107	813	15.2	43.4	53.4	18.7	34.9	2.1	108.2	72.2	74.1	19.9
5108	794	14.7	42.8	53.9	18.6	34.4	1.4	94.7	72.6	68.7	24.3
5109	756	14.5	42.6	56.3	19.2	34.1	2.1	98.9	50.6	73.1	21.2
5110	735	14.0	39.9	54.3	19.0	35.0	1.3	107.8	64.5	65.6	26.9
n	5	5	5	5	5	5	5	5	5	5	5
Mean	781	14.7	42.5	54.4	18.9	34.7	1.7	104.1	58.2	71.2	22.4
S.D.	34	0.5	1.5	1.1	0.2	0.4	0.4	6.9	17.5	3.8	3.2

Animal No.	EOS %	BASO %	MONO %	LUC %	#LYMP $10^2/\mu L$	#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
5106	1.9	0.2	3.4	0.7	23.2	6.1	0.6	0.1	1.1	0.2	12.9
5107	2.5	0.2	2.9	0.4	53.5	14.4	1.8	0.1	2.1	0.3	13.5
5108	2.4	0.1	4.0	0.5	49.9	17.6	1.7	0.1	2.9	0.4	13.4
5109	1.7	0.3	2.9	0.9	37.0	10.7	0.9	0.1	1.5	0.5	14.3
5110	1.3	0.1	5.4	0.6	42.4	17.4	0.8	0.1	3.5	0.4	13.9
n	5	5	5	5	5	5	5	5	5	5	5
Mean	2.0	0.2	3.7	0.6	41.2	13.2	1.2	0.1	2.2	0.4	13.6
S.D.	0.5	0.1	1.0	0.2	11.9	4.9	0.6	0.0	1.0	0.1	0.5

Animal No.	APTT s	FIB mg/dL
5106	13.8	182
5107	13.6	197
5108	15.4	184
5109	16.7	198
5110	13.4	196
n	5	5
Mean	14.6	191
S.D.	1.4	8

Hematology
Sex : Female
Stage : End of recovery
Dose : 3-methoxybutan-1-ol 1000 mg/kg
Species : Rat

Animal No.	RBC $10^4/\mu L$	HGB g/dL	HCT %	MCV fL	MCH pg	MCHC g/dL	RETIC %	PLT $10^4/\mu L$	WBC $10^2/\mu L$	LYMP %	NEUT %
6106	814	15.1	43.7	53.6	18.5	34.5	1.6	116.8	65.5	83.9	9.2
6107	785	14.3	41.7	53.1	18.2	34.3	1.9	109.1	32.8	77.4	17.6
6108	762	14.7	42.2	55.3	19.2	34.7	2.0	88.3	54.6	81.4	13.5
6109	738	14.7	42.0	56.8	19.9	35.1	1.7	107.4	46.6	72.9	21.3
6110	787	14.5	42.3	53.8	18.5	34.3	1.5	97.1	41.1	75.7	17.2
n	5	5	5	5	5	5	5	5	5	5	5
Mean	777	14.7	42.4	54.5	18.9	34.6	1.7	103.7	48.1	78.3	15.8
S.D.	29	0.3	0.8	1.5	0.7	0.3	0.2	11.1	12.6	4.4	4.6

Animal No.	EOS %	BASO %	MONO %	LUC %	#LYMP $10^2/\mu L$	#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
6106	1.9	0.3	3.5	1.1	54.9	6.0	1.3	0.2	2.3	0.7	13.4
6107	1.6	0.2	2.7	0.6	25.4	5.8	0.5	0.1	0.9	0.2	13.7
6108	1.7	0.1	2.4	0.9	44.4	7.4	1.0	0.1	1.3	0.5	12.9
6109	2.2	0.1	2.6	0.8	34.0	9.9	1.0	0.1	1.2	0.4	13.6
6110	1.6	0.2	4.9	0.4	31.1	7.1	0.6	0.1	2.0	0.2	13.5
n	5	5	5	5	5	5	5	5	5	5	5
Mean	1.8	0.2	3.2	0.8	38.0	7.2	0.9	0.1	1.5	0.4	13.4
S.D.	0.3	0.1	1.0	0.3	11.7	1.6	0.3	0.0	0.6	0.2	0.3

Animal No.	APTT s	FIB mg/dL
6106	14.2	217
6107	13.6	209
6108	17.2	197
6109	16.3	192
6110	13.6	185
n	5	5
Mean	15.0	200
S.D.	1.7	13

Hematology
Sex : Female
Stage : Undelivered
Dose : 3-methoxybutan-1-ol 100 mg/kg
Species : Rat

Animal No.	RBC $10^4/\mu L$	HGB g/dL	HCT %	MCV fL	MCH pg	MCHC g/dL	RETIC %	PLT $10^4/\mu L$	WBC $10^2/\mu L$	LYMP %	NEUT %
2108	784	14.9	43.7	55.7	19.1	34.2	2.1	88.7	40.3	81.5	14.8
n	1	1	1	1	1	1	1	1	1	1	1
Mean	784	14.9	43.7	55.7	19.1	34.2	2.1	88.7	40.3	81.5	14.8
S.D.											

Animal No.	EOS %	BASO %	MONO %	LUC %	#LYMP $10^2/\mu L$	#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
2108	1.6	0.2	1.5	0.4	32.9	6.0	0.6	0.1	0.6	0.2	13.8
n	1	1	1	1	1	1	1	1	1	1	1
Mean	1.6	0.2	1.5	0.4	32.9	6.0	0.6	0.1	0.6	0.2	13.8
S.D.											

Animal No.	APTT s	FIB mg/dL
2108	16.1	211
n	1	1
Mean	16.1	211
S.D.		

Blood chemistry
Sex : Male

Stage : End of administration
Dose : 3-methoxybutan-1-ol 0 mg/kg

Species : Rat

Animal No.	AST IU/L	ALT IU/L	LDH IU/L	γ-GTP IU/L	ALP IU/L	T-BA μmol/L	T-CHO mg/dL	TG mg/dL	PL mg/dL	T-BIL mg/dL	GLU mg/dL
1001	82	35	59	1	357	10.4	69	28	101	0.1	147
1002	54	31	66	1	390	32.3	66	37	101	0.1	135
1003	62	30	80	1	255	5.4	47	17	73	0.1	120
1004	66	35	45	1	324	4.6	54	58	89	0.1	134
1005	65	39	50	1	385	10.1	54	54	85	0.1	117
n	5	5	5	5	5	5	5	5	5	5	5
Mean	66	34	60	1	342	12.6	58	39	90	0.1	131
S.D.	10	4	14	0	55	11.3	9	17	12	0.0	12

Animal No.	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	A/G
1001	14	0.25	142	4.4	104	9.5	5.2	5.9	3.0	1.0
1002	17	0.29	145	4.6	107	9.9	6.1	6.1	3.1	1.0
1003	18	0.26	146	4.2	108	9.8	5.2	5.8	3.0	1.1
1004	17	0.23	144	4.5	107	9.7	6.2	5.7	3.0	1.1
1005	17	0.27	145	4.4	108	9.6	6.2	5.7	3.0	1.1
n	5	5	5	5	5	5	5	5	5	5
Mean	17	0.26	144	4.4	107	9.7	5.8	5.8	3.0	1.1
S.D.	2	0.02	2	0.1	2	0.2	0.5	0.2	0.0	0.1

Blood chemistry
Sex : Male

Stage : End of administration
Dose : 3-methoxybutan-1-ol 100 mg/kg

Species : Rat

Animal No.	AST IU/L	ALT IU/L	LDH IU/L	γ-GTP IU/L	ALP IU/L	T-BA μmol/L	T-CHO mg/dL	TG mg/dL	PL mg/dL	T-BIL mg/dL	GLU mg/dL
2001	64	50	47	1	381	5.8	50	24	76	0.1	131
2002	56	36	50	0	324	9.4	49	19	79	0.1	108
2003	58	49	44	0	406	17.3	59	18	84	0.1	147
2004	57	36	55	0	403	2.8	59	95	104	0.1	160
2005	65	41	64	1	392	13.8	57	63	100	0.1	144
n	5	5	5	5	5	5	5	5	5	5	5
Mean	60	42	52	0	381	9.8	55	44	89	0.1	138
S.D.	4	7	8	1	33	5.9	5	34	13	0.0	20

Animal No.	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	A/G
2001	18	0.25	142	5.1	107	9.5	5.3	5.6	3.0	1.2
2002	15	0.24	144	4.6	108	9.4	5.4	5.4	3.1	1.3
2003	17	0.24	145	4.7	106	9.6	5.9	5.6	2.9	1.1
2004	17	0.29	143	4.7	106	9.7	6.6	5.5	3.0	1.2
2005	16	0.22	145	4.4	107	9.9	6.5	5.9	3.0	1.0
n	5	5	5	5	5	5	5	5	5	5
Mean	17	0.25	144	4.7	107	9.6	5.9	5.6	3.0	1.2
S.D.	1	0.03	1	0.3	1	0.2	0.6	0.2	0.1	0.1

Blood chemistry
Sex : Male

Stage : End of administration
Dose : 3-methoxybutan-1-ol 300 mg/kg

Species : Rat

Animal No.	AST IU/L	ALT IU/L	LDH IU/L	γ-GTP IU/L	ALP IU/L	T-BA μmol/L	T-CHO mg/dL	TG mg/dL	PL mg/dL	T-BIL mg/dL	GLU mg/dL
3001	79	45	47	1	412	42.9	57	34	93	0.1	133
3002	70	44	41	1	387	17.3	51	42	78	0.1	130
3003	49	25	42	0	369	16.0	82	36	117	0.1	145
3004	61	34	49	0	355	19.4	74	27	100	0.1	177
3005	62	34	53	1	346	7.7	54	31	78	0.1	137
n	5	5	5	5	5	5	5	5	5	5	5
Mean	64	36	46	1	374	20.7	64	34	93	0.1	144
S.D.	11	8	5	1	26	13.2	14	6	16	0.0	19

Animal No.	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	A/G
3001	16	0.30	144	4.5	107	10.1	6.4	6.1	3.2	1.1
3002	14	0.28	144	4.6	109	9.2	5.6	5.4	2.9	1.2
3003	17	0.21	144	4.4	108	9.9	5.8	5.9	3.3	1.3
3004	17	0.27	144	4.8	107	9.8	5.7	5.7	3.0	1.1
3005	16	0.24	145	4.9	110	9.7	6.5	5.1	2.8	1.2
n	5	5	5	5	5	5	5	5	5	5
Mean	16	0.26	144	4.6	108	9.7	6.0	5.6	3.0	1.2
S.D.	1	0.04	0	0.2	1	0.3	0.4	0.4	0.2	0.1

Blood chemistry
Sex : Male

Stage : End of administration
Dose : 3-methoxybutan-1-ol 1000 mg/kg

Species : Rat

Animal No.	AST IU/L	ALT IU/L	LDH IU/L	γ-GTP IU/L	ALP IU/L	T-BA μmol/L	T-CHO mg/dL	TG mg/dL	PL mg/dL	T-BIL mg/dL	GLU mg/dL
4001	55	33	61	1	404	8.4	48	12	78	0.1	137
4002	74	44	50	1	548	10.8	54	25	83	0.1	114
4003	51	27	40	2	381	9.4	46	21	79	0.1	131
4004	62	51	40	1	628	20.9	49	39	85	0.1	124
4005	72	34	54	1	319	7.6	44	6	66	0.1	113
n	5	5	5	5	5	5	5	5	5	5	5
Mean	63	38	49	1	456	11.4	48	21	78	0.1	124
S.D.	10	10	9	0	128	5.4	4	13	7	0.0	10

Animal No.	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	A/G
4001	25	0.34	145	4.7	108	9.6	6.4	5.8	3.1	1.1
4002	20	0.32	144	4.7	107	9.6	6.8	5.7	3.0	1.1
4003	12	0.24	145	4.4	106	9.8	7.3	5.9	3.1	1.1
4004	24	0.30	143	4.5	105	9.8	6.5	5.5	3.2	1.4
4005	15	0.30	145	4.8	106	9.6	6.8	5.7	3.1	1.2
n	5	5	5	5	5	5	5	5	5	5
Mean	19	0.30	144	4.6	106	9.7	6.8	5.7	3.1	1.2
S.D.	6	0.04	1	0.2	1	0.1	0.4	0.1	0.1	0.1

Blood chemistry
Sex : Female

Stage : Lactation day 5
Dose : 3-methoxybutan-1-ol 0 mg/kg

Species : Rat

Animal No.	AST IU/L	ALT IU/L	LDH IU/L	γ-GTP IU/L	ALP IU/L	T-BA μmol/L	T-CHO mg/dL	TG mg/dL	PL mg/dL	T-BIL mg/dL	GLU mg/dL
1101	65	38	72	1	164	13.0	49	80	109	0.1	121
1104	79	54	42	1	210	30.5	81	107	147	0.1	141
1105	65	43	57	1	163	33.0	62	121	129	0.1	141
1106	77	48	65	0	323	8.5	62	54	103	0.0	129
1112	63	36	43	1	168	17.4	74	39	118	0.0	113
n	5	5	5	5	5	5	5	5	5	5	5
Mean	70	44	56	1	206	20.5	66	80	121	0.1	129
S.D.	8	7	13	0	68	10.8	12	35	17	0.1	12

Animal No.	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	A/G
1101	16	0.31	141	4.6	106	10.8	7.2	6.0	3.4	1.3
1104	27	0.35	141	3.9	102	10.7	7.4	6.2	3.4	1.2
1105	21	0.28	143	4.1	106	10.7	8.2	6.0	3.5	1.4
1106	19	0.29	143	4.3	105	11.0	8.8	5.9	3.1	1.1
1112	16	0.26	143	4.1	106	10.8	8.1	6.1	3.3	1.2
n	5	5	5	5	5	5	5	5	5	5
Mean	20	0.30	142	4.2	105	10.8	7.9	6.0	3.3	1.2
S.D.	5	0.03	1	0.3	2	0.1	0.6	0.1	0.2	0.1

Blood chemistry
Sex : Female

Stage : Lactation day 5
Dose : 3-methoxybutan-1-ol 100 mg/kg

Species : Rat

Animal No.	AST IU/L	ALT IU/L	LDH IU/L	γ-GTP IU/L	ALP IU/L	T-BA μmol/L	T-CHO mg/dL	TG mg/dL	PL mg/dL	T-BIL mg/dL	GLU mg/dL
2101	77	59	64	1	177	89.5	57	115	126	0.1	125
2105	62	65	56	1	223	13.5	66	109	125	0.1	114
2109	82	40	66	1	161	9.6	70	97	141	0.1	121
2110	75	64	40	1	188	16.9	64	72	124	0.1	106
2111	56	51	58	0	377	11.3	55	119	119	0.1	135
n	5	5	5	5	5	5	5	5	5	5	5
Mean	70	56	57	1	225	28.2	62	102	127	0.1	120
S.D.	11	10	10	0	88	34.4	6	19	8	0.0	11

Animal No.	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	A/G
2101	30	0.43	143	4.1	105	10.9	9.0	5.5	3.2	1.4
2105	20	0.27	142	4.6	108	10.2	6.6	6.1	3.4	1.3
2109	14	0.27	141	4.8	105	10.7	8.3	5.9	3.4	1.4
2110	27	0.32	140	4.2	107	10.5	7.4	5.8	3.2	1.2
2111	19	0.27	142	4.1	105	10.5	7.6	5.5	3.2	1.4
n	5	5	5	5	5	5	5	5	5	5
Mean	22	0.31	142	4.4	106	10.6	7.8	5.8	3.3	1.3
S.D.	6	0.07	1	0.3	1	0.3	0.9	0.3	0.1	0.1

Blood chemistry
Sex : Female

Stage : Lactation day 5
Dose : 3-methoxybutan-1-ol 300 mg/kg

Species : Rat

Animal No.	AST IU/L	ALT IU/L	LDH IU/L	γ-GTP IU/L	ALP IU/L	T-BA μmol/L	T-CHO mg/dL	TG mg/dL	PL mg/dL	T-BIL mg/dL	GLU mg/dL
3103	69	43	60	0	299	20.3	51	62	95	0.1	122
3104	92	80	73	0	437	24.5	86	57	145	0.1	126
3105	66	56	72	0	182	18.7	59	59	115	0.1	134
3107	85	67	47	1	382	43.5	65	69	127	0.1	92
3111	77	46	36	0	219	26.0	62	85	120	0.1	133
n	5	5	5	5	5	5	5	5	5	5	5
Mean	78	58	58	0	304	26.6	65	66	120	0.1	121
S.D.	11	15	16	0	107	9.9	13	11	18	0.0	17

Animal No.	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	A/G
3103	18	0.31	143	4.6	105	10.6	8.1	5.3	2.9	1.2
3104	27	0.36	141	4.5	106	10.4	8.2	5.3	2.8	1.1
3105	15	0.24	139	4.4	104	10.6	7.3	5.7	3.3	1.4
3107	26	0.35	143	4.3	104	11.0	9.6	5.9	3.3	1.3
3111	21	0.31	143	4.1	105	10.7	8.8	5.7	3.3	1.4
n	5	5	5	5	5	5	5	5	5	5
Mean	21	0.31	142	4.4	105	10.7	8.4	5.6	3.1	1.3
S.D.	5	0.05	2	0.2	1	0.2	0.9	0.3	0.2	0.1

Blood chemistry
Sex : Female

Stage : Lactation day 5
Dose : 3-methoxybutan-1-ol 1000 mg/kg

Species : Rat

Animal No.	AST IU/L	ALT IU/L	LDH IU/L	γ-GTP IU/L	ALP IU/L	T-BA μmol/L	T-CHO mg/dL	TG mg/dL	PL mg/dL	T-BIL mg/dL	GLU mg/dL
4105	70	57	64	1	375	23.0	75	163	155	0.1	138
4106	63	44	50	1	207	18.2	63	27	114	0.1	128
4107	58	45	33	0	325	41.1	57	48	113	0.1	115
4108	72	59	41	1	197	27.6	83	48	150	0.1	128
4109	57	49	35	1	287	39.8	75	35	140	0.1	138
n	5	5	5	5	5	5	5	5	5	5	5
Mean	64	51	45	1	278	29.9	71	64	134	0.1	129
S.D.	7	7	13	0	76	10.2	10	56	20	0.0	9

Animal No.	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	A/G
4105	21	0.27	142	4.3	101	10.9	9.8	5.9	3.2	1.2
4106	22	0.38	139	5.0	102	10.5	7.3	5.9	3.2	1.2
4107	17	0.27	142	4.3	104	10.9	8.1	6.1	3.4	1.3
4108	19	0.29	142	4.0	101	11.6	9.3	6.7	3.7	1.2
4109	26	0.30	141	4.3	105	10.5	7.2	6.2	3.5	1.3
n	5	5	5	5	5	5	5	5	5	5
Mean	21	0.30	141	4.4	103	10.9	8.3	6.2	3.4	1.2
S.D.	3	0.05	1	0.4	2	0.4	1.2	0.3	0.2	0.1

Blood chemistry
Sex : Female

Stage : End of administration
Dose : 3-methoxybutan-1-ol 0 mg/kg

Species : Rat

Animal No.	AST IU/L	ALT IU/L	LDH IU/L	γ-GTP IU/L	ALP IU/L	T-BA μmol/L	T-CHO mg/dL	TG mg/dL	PL mg/dL	T-BIL mg/dL	GLU mg/dL
5101	75	46	71	1	206	10.1	68	13	127	0.1	122
5102	58	39	56	1	208	17.2	87	82	190	0.1	151
5103	73	54	50	1	134	14.4	79	49	157	0.1	136
5104	53	28	41	1	235	31.1	69	21	129	0.1	148
5105	56	34	83	0	189	18.9	72	96	145	0.1	118
n	5	5	5	5	5	5	5	5	5	5	5
Mean	63	40	60	1	194	18.3	75	52	150	0.1	135
S.D.	10	10	17	0	38	7.9	8	36	26	0.0	15

Animal No.	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	A/G
5101	17	0.33	144	4.6	111	9.6	3.3	6.1	3.5	1.3
5102	15	0.31	142	3.9	107	10.2	3.9	6.6	3.9	1.4
5103	18	0.30	141	4.5	109	10.4	3.8	7.0	4.1	1.4
5104	19	0.31	144	4.5	111	9.9	4.9	6.3	3.5	1.3
5105	23	0.32	142	4.4	109	10.0	5.3	6.2	3.6	1.4
n	5	5	5	5	5	5	5	5	5	5
Mean	18	0.31	143	4.4	109	10.0	4.2	6.4	3.7	1.4
S.D.	3	0.01	1	0.3	2	0.3	0.8	0.4	0.3	0.1

Blood chemistry
Sex : Female

Stage : End of administration
Dose : 3-methoxybutan-1-ol 1000 mg/kg

Species : Rat

Animal No.	AST IU/L	ALT IU/L	LDH IU/L	γ-GTP IU/L	ALP IU/L	T-BA μmol/L	T-CHO mg/dL	TG mg/dL	PL mg/dL	T-BIL mg/dL	GLU mg/dL
6101	53	26	40	1	212	19.2	82	25	144	0.1	151
6102	72	56	52	1	339	18.3	60	16	113	0.1	138
6103	69	57	60	1	211	16.4	54	17	105	0.0	99
6104	54	38	36	1	123	9.5	55	11	111	0.1	108
6105	54	28	29	1	193	37.2	73	30	142	0.1	107
n	5	5	5	5	5	5	5	5	5	5	5
Mean	60	41	43	1	216	20.1	65	20	123	0.1	121
S.D.	9	15	12	0	78	10.3	12	8	19	0.0	23

Animal No.	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	A/G
6101	14	0.30	142	4.3	107	9.8	4.5	6.1	3.5	1.3
6102	22	0.36	141	4.3	108	9.2	3.9	5.6	3.2	1.3
6103	17	0.32	142	4.8	107	9.9	6.3	6.0	3.3	1.2
6104	16	0.31	141	4.2	105	9.8	5.4	5.9	3.6	1.6
6105	22	0.33	145	4.1	110	10.3	6.7	6.4	3.5	1.2
n	5	5	5	5	5	5	5	5	5	5
Mean	18	0.32	142	4.3	107	9.8	5.4	6.0	3.4	1.3
S.D.	4	0.02	2	0.3	2	0.4	1.2	0.3	0.2	0.2

Blood chemistry
Sex : Male

Stage : End of recovery
Dose : 3-methoxybutan-1-ol 0 mg/kg

Species : Rat

Animal No.	AST IU/L	ALT IU/L	LDH IU/L	γ-GTP IU/L	ALP IU/L	T-BA μmol/L	T-CHO mg/dL	TG mg/dL	PL mg/dL	T-BIL mg/dL	GLU mg/dL
1008	63	49	42	1	285	46.6	60	105	99	0.1	145
1009	98	42	39	0	395	24.2	64	51	94	0.1	137
1010	59	29	61	0	240	62.7	78	58	114	0.1	141
1011	57	42	37	0	325	10.1	53	55	88	0.1	132
1012	69	46	38	0	243	7.2	33	43	65	0.1	150
n	5	5	5	5	5	5	5	5	5	5	5
Mean	69	42	43	0	298	30.2	58	62	92	0.1	141
S.D.	17	8	10	0	65	23.9	17	24	18	0.0	7

Animal No.	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	A/G
1008	25	0.33	143	4.8	105	10.1	5.8	5.9	3.1	1.1
1009	19	0.30	144	4.6	105	10.4	5.6	6.2	3.1	1.0
1010	19	0.30	144	4.5	106	10.2	6.3	6.2	3.1	1.0
1011	22	0.31	145	4.6	109	9.8	5.4	5.7	3.0	1.1
1012	18	0.30	145	4.6	108	9.4	4.8	5.5	3.0	1.2
n	5	5	5	5	5	5	5	5	5	5
Mean	21	0.31	144	4.6	107	10.0	5.6	5.9	3.1	1.1
S.D.	3	0.01	1	0.1	2	0.4	0.5	0.3	0.1	0.1

Blood chemistry
Sex : Male

Stage : End of recovery
Dose : 3-methoxybutan-1-ol 1000 mg/kg

Species : Rat

Animal No.	AST IU/L	ALT IU/L	LDH IU/L	γ-GTP IU/L	ALP IU/L	T-BA μmol/L	T-CHO mg/dL	TG mg/dL	PL mg/dL	T-BIL mg/dL	GLU mg/dL
4008	72	40	52	1	258	32.3	68	37	98	0.1	144
4009	70	37	46	0	439	11.7	54	71	91	0.1	140
4010	77	35	41	1	262	8.0	56	64	89	0.1	143
4011	61	36	49	0	324	22.3	62	48	95	0.1	135
4012	71	59	55	1	349	15.3	44	44	71	0.1	141
n	5	5	5	5	5	5	5	5	5	5	5
Mean	70	41	49	1	326	17.9	57	53	89	0.1	141
S.D.	6	10	5	1	74	9.6	9	14	11	0.0	4

Animal No.	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	A/G
4008	20	0.31	143	4.8	106	9.5	5.4	5.7	3.0	1.1
4009	16	0.28	144	4.5	108	9.8	4.9	5.4	2.9	1.2
4010	16	0.29	144	4.7	108	9.6	5.1	5.8	2.8	0.9
4011	15	0.30	144	4.5	107	9.8	5.3	5.9	3.2	1.2
4012	30	0.35	144	4.3	111	9.5	5.0	5.7	3.1	1.2
n	5	5	5	5	5	5	5	5	5	5
Mean	19	0.31	144	4.6	108	9.6	5.1	5.7	3.0	1.1
S.D.	6	0.03	0	0.2	2	0.2	0.2	0.2	0.2	0.1

Blood chemistry
Sex : Female

Stage : End of recovery
Dose : 3-methoxybutan-1-ol 0 mg/kg

Species : Rat

Animal No.	AST IU/L	ALT IU/L	LDH IU/L	γ-GTP IU/L	ALP IU/L	T-BA μmol/L	T-CHO mg/dL	TG mg/dL	PL mg/dL	T-BIL mg/dL	GLU mg/dL
5106	65	32	43	1	185	13.8	57	47	120	0.1	120
5107	57	30	33	1	128	14.8	79	71	160	0.1	129
5108	64	45	32	1	151	13.8	87	51	160	0.1	138
5109	50	21	28	1	142	10.0	75	44	150	0.1	159
5110	84	47	40	1	231	26.7	74	21	134	0.1	122
n	5	5	5	5	5	5	5	5	5	5	5
Mean	64	35	35	1	167	15.8	74	47	145	0.1	134
S.D.	13	11	6	0	41	6.4	11	18	17	0.0	16

Animal No.	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	A/G
5106	17	0.32	142	4.0	108	9.8	3.2	6.2	3.7	1.5
5107	20	0.32	140	4.5	106	10.2	4.4	6.3	3.6	1.3
5108	19	0.34	142	4.1	108	10.1	2.9	6.7	3.8	1.3
5109	19	0.34	143	4.0	110	9.8	3.8	6.1	3.5	1.3
5110	24	0.38	139	4.6	105	9.8	4.6	6.0	3.4	1.3
n	5	5	5	5	5	5	5	5	5	5
Mean	20	0.34	141	4.2	107	9.9	3.8	6.3	3.6	1.3
S.D.	3	0.02	2	0.3	2	0.2	0.7	0.3	0.2	0.1

Blood chemistry
Sex : Female

Stage : End of recovery
Dose : 3-methoxybutan-1-ol 1000 mg/kg

Species : Rat

Animal No.	AST IU/L	ALT IU/L	LDH IU/L	γ-GTP IU/L	ALP IU/L	T-BA μmol/L	T-CHO mg/dL	TG mg/dL	PL mg/dL	T-BIL mg/dL	GLU mg/dL
6106	61	31	43	1	129	8.4	93	25	159	0.1	129
6107	62	39	32	1	217	13.8	72	30	129	0.1	126
6108	57	33	31	1	207	12.4	68	28	130	0.1	134
6109	57	33	35	1	95	12.9	69	34	122	0.1	103
6110	69	40	39	0	182	13.4	69	46	139	0.1	135
n	5	5	5	5	5	5	5	5	5	5	5
Mean	61	35	36	1	166	12.2	74	33	136	0.1	125
S.D.	5	4	5	0	52	2.2	11	8	14	0.0	13

Animal No.	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	A/G
6106	19	0.38	143	4.1	107	10.0	3.9	6.2	3.8	1.6
6107	15	0.29	144	3.9	111	9.6	3.7	5.9	3.5	1.5
6108	24	0.36	141	3.9	108	9.9	3.5	6.3	3.8	1.5
6109	25	0.37	145	4.4	112	9.9	3.9	5.9	3.3	1.3
6110	20	0.33	142	4.0	107	10.2	4.5	6.4	3.9	1.6
n	5	5	5	5	5	5	5	5	5	5
Mean	21	0.35	143	4.1	109	9.9	3.9	6.1	3.7	1.5
S.D.	4	0.04	2	0.2	2	0.2	0.4	0.2	0.3	0.1

Blood chemistry
Sex : Female

Stage : Undelivered
Dose : 3-methoxybutan-1-ol 100 mg/kg

Species : Rat

Animal No.	AST IU/L	ALT IU/L	LDH IU/L	γ-GTP IU/L	ALP IU/L	T-BA μmol/L	T-CHO mg/dL	TG mg/dL	PL mg/dL	T-BIL mg/dL	GLU mg/dL
2108	52	35	35	1	436	13.4	61	71	125	0.1	154
n	1	1	1	1	1	1	1	1	1	1	1
Mean	52	35	35	1	436	13.4	61	71	125	0.1	154
S.D.											

Animal No.	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	A/G
2108	15	0.26	141	3.8	107	10.4	4.7	6.2	3.5	1.3
n	1	1	1	1	1	1	1	1	1	1
Mean	15	0.26	141	3.8	107	10.4	4.7	6.2	3.5	1.3
S.D.										

Organ weight
Sex : Male
Stage : End of administration
Dose : 3-methoxybutan-1-ol 0 mg/kg
Species : Rat

	Body weight	Brain		Pituitary		Thyroid-R		Thyroid-L	
		AB	RE	AB	RE	AB	RE	AB	RE
Animal No.	g	g	g/100g	mg	mg/100g	mg	mg/100g	mg	mg/100g
1001	504	2.20	0.44	14.4	2.9	12.3	2.4	14.2	2.8
1002	549	2.20	0.40	16.0	2.9	12.1	2.2	8.0	1.5
1003	517	2.06	0.40	12.8	2.5	10.1	2.0	11.0	2.1
1004	531	2.29	0.43	12.7	2.4	13.0	2.4	7.8	1.5
1005	528	2.19	0.41	14.5	2.7	10.9	2.1	12.6	2.4
1006	482	2.08	0.43	14.7	3.0	11.0	2.3	12.0	2.5
1007	480	2.09	0.44	13.9	2.9	13.4	2.8	13.1	2.7
n	7	7	7	7	7	7	7	7	7
Mean	513	2.16	0.42	14.1	2.8	11.8	2.3	11.2	2.2
S.D.	26	0.08	0.02	1.1	0.2	1.2	0.3	2.5	0.5

	Thyroid-RL		Thymus		Heart		Liver		Spleen	
	AB	RE	AB	RE	AB	RE	AB	RE	AB	RE
Animal No.	mg	mg/100g	mg	mg/100g	g	g/100g	g	g/100g	g	g/100g
1001	26.5	5.3	327	65	1.34	0.27	12.20	2.42	0.56	0.11
1002	20.1	3.7	411	75	1.51	0.28	13.12	2.39	0.89	0.16
1003	21.1	4.1	254	49	1.47	0.28	12.81	2.48	0.72	0.14
1004	20.8	3.9	297	56	1.48	0.28	13.80	2.60	0.67	0.13
1005	23.5	4.5	242	46	1.47	0.28	12.83	2.43	0.70	0.13
1006	23.0	4.8	250	52	1.33	0.28	11.48	2.38	0.66	0.14
1007	26.5	5.5	226	47	1.42	0.30	11.88	2.48	0.76	0.16
n	7	7	7	7	7	7	7	7	7	7
Mean	23.1	4.5	287	56	1.43	0.28	12.59	2.45	0.71	0.14
S.D.	2.6	0.7	65	11	0.07	0.01	0.79	0.08	0.10	0.02

	Kidney-R		Kidney-L		Kidney-RL		Adrenal-R		Adrenal-L	
	AB	RE	AB	RE	AB	RE	AB	RE	AB	RE
Animal No.	g	g/100g	g	g/100g	g	g/100g	mg	mg/100g	mg	mg/100g
1001	1.42	0.28	1.40	0.28	2.82	0.56	23	5	23	5
1002	1.69	0.31	1.58	0.29	3.27	0.60	38	7	42	8
1003	1.66	0.32	1.57	0.30	3.23	0.62	27	5	32	6
1004	1.83	0.34	1.64	0.31	3.47	0.65	27	5	32	6
1005	1.55	0.29	1.53	0.29	3.08	0.58	28	5	31	6
1006	1.60	0.33	1.64	0.34	3.24	0.67	33	7	27	6
1007	1.43	0.30	1.43	0.30	2.86	0.60	38	8	44	9
n	7	7	7	7	7	7	7	7	7	7
Mean	1.60	0.31	1.54	0.30	3.14	0.61	31	6	33	7
S.D.	0.15	0.02	0.10	0.02	0.23	0.04	6	1	8	1

AB : Absolute weight, RE : Relative weight by body weight

Organ weight
Sex : Male
Stage : End of administration
Dose : 3-methoxybutan-1-ol 0 mg/kg
Species : Rat

	Adrenal-RL		Testis-R		Testis-L		Testis-RL		Epididymis-R	
	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	46	9	1.61	0.32	1.59	0.32	3.20	0.63	603	120
1002	80	15	1.84	0.34	1.77	0.32	3.61	0.66	653	119
1003	59	11	1.74	0.34	1.68	0.32	3.42	0.66	706	137
1004	59	11	1.66	0.31	1.63	0.31	3.29	0.62	729	137
1005	59	11	1.65	0.31	1.68	0.32	3.33	0.63	725	137
1006	60	12	1.41	0.29	1.49	0.31	2.90	0.60	586	122
1007	82	17	1.86	0.39	1.74	0.36	3.60	0.75	697	145
n	7	7	7	7	7	7	7	7	7	7
Mean	64	12	1.68	0.33	1.65	0.32	3.34	0.65	671	131
S.D.	13	3	0.15	0.03	0.09	0.02	0.25	0.05	58	10

	Epididymis-L		Epididymis-RL		Prostate		Seminalvesicle	
	AB	RE	AB	RE	AB	RE	AB	RE
Animal No.	mg	mg/100g	mg	mg/100g	g	g/100g	g	g/100g
1001	607	120	1210	240	1.18	0.23	1.58	0.31
1002	656	119	1309	238	1.29	0.23	1.93	0.35
1003	726	140	1432	277	1.65	0.32	1.92	0.37
1004	677	127	1406	265	1.36	0.26	1.72	0.32
1005	698	132	1423	270	1.29	0.24	1.67	0.32
1006	601	125	1187	246	1.18	0.24	2.06	0.43
1007	656	137	1353	282	1.09	0.23	1.73	0.36
n	7	7	7	7	7	7	7	7
Mean	660	129	1331	260	1.29	0.25	1.80	0.35
S.D.	45	8	101	18	0.18	0.03	0.17	0.04

AB : Absolute weight, RE : Relative weight by body weight

Organ weight
Sex : Male
Stage : End of administration
Dose : 3-methoxybutan-1-ol 100 mg/kg
Species : Rat

	Body weight	Brain		Pituitary		Thyroid-R		Thyroid-L	
		AB	RE	AB	RE	AB	RE	AB	RE
Animal No.	g	g	g/100g	mg	mg/100g	mg	mg/100g	mg	mg/100g
2001	486	2.10	0.43	12.9	2.7	9.8	2.0	9.8	2.0
2002	495	2.28	0.46	12.7	2.6	11.5	2.3	8.5	1.7
2003	495	2.10	0.42	14.2	2.9	14.4	2.9	9.6	1.9
2004	536	2.13	0.40	11.1	2.1	14.8	2.8	14.4	2.7
2005	532	2.11	0.40	15.3	2.9	11.2	2.1	11.4	2.1
2006	517	2.05	0.40	14.5	2.8	11.3	2.2	11.5	2.2
2007	530	2.24	0.42	15.7	3.0	10.2	1.9	10.8	2.0
2008	472	2.09	0.44	12.3	2.6	13.2	2.8	11.3	2.4
2009	582	2.12	0.36	15.4	2.6	13.1	2.3	11.3	1.9
2010	513	2.09	0.41	14.3	2.8	10.8	2.1	7.4	1.4
2011	533	2.21	0.41	14.4	2.7	13.4	2.5	12.2	2.3
2012	523	1.97	0.38	15.6	3.0	10.9	2.1	11.6	2.2
n	12	12	12	12	12	12	12	12	12
Mean	518	2.12	0.41	14.0	2.7	12.1	2.3	10.8	2.1
S.D.	29	0.08	0.03	1.5	0.2	1.7	0.3	1.8	0.3

	Thyroid-RL		Thymus		Heart		Liver		Spleen	
	AB	RE	AB	RE	AB	RE	AB	RE	AB	RE
Animal No.	mg	mg/100g	mg	mg/100g	g	g/100g	g	g/100g	g	g/100g
2001	19.6	4.0	459	94	1.46	0.30	12.44	2.56	0.70	0.14
2002	20.0	4.0	263	53	1.57	0.32	11.58	2.34	0.78	0.16
2003	24.0	4.8	304	61	1.27	0.26	11.85	2.39	0.85	0.17
2004	29.2	5.4	330	62	1.58	0.29	14.62	2.73	0.82	0.15
2005	22.6	4.2	207	39	1.45	0.27	14.92	2.80	0.66	0.12
2006	22.8	4.4	446	86	1.47	0.28	14.09	2.73	0.59	0.11
2007	21.0	4.0	418	79	1.41	0.27	12.01	2.27	0.73	0.14
2008	24.5	5.2	331	70	1.25	0.26	11.73	2.49	0.68	0.14
2009	24.4	4.2	429	74	1.49	0.26	16.76	2.88	0.75	0.13
2010	18.2	3.5	290	57	1.53	0.30	12.72	2.48	0.85	0.17
2011	25.6	4.8	259	49	1.40	0.26	12.45	2.34	0.74	0.14
2012	22.5	4.3	259	50	1.45	0.28	12.65	2.42	0.97	0.19
n	12	12	12	12	12	12	12	12	12	12
Mean	22.9	4.4	333	65	1.44	0.28	13.15	2.54	0.76	0.15
S.D.	3.0	0.6	85	16	0.10	0.02	1.60	0.20	0.10	0.02

AB : Absolute weight, RE : Relative weight by body weight

Organ weight
Sex : Male
Stage : End of administration
Dose : 3-methoxybutan-1-ol 100 mg/kg
Species : Rat

	Kidney-R		Kidney-L		Kidney-RL		Adrenal-R		Adrenal-L	
	AB	RE	AB	RE	AB	RE	AB	RE	AB	RE
Animal No.	g	g/100g	g	g/100g	g	g/100g	mg	mg/100g	mg	mg/100g
2001	1.76	0.36	1.61	0.33	3.37	0.69	22	5	21	4
2002	1.82	0.37	1.72	0.35	3.54	0.72	26	5	30	6
2003	1.67	0.34	1.76	0.36	3.43	0.69	23	5	25	5
2004	1.61	0.30	1.56	0.29	3.17	0.59	28	5	31	6
2005	1.61	0.30	1.61	0.30	3.22	0.61	29	5	28	5
2006	1.53	0.30	1.53	0.30	3.06	0.59	32	6	35	7
2007	1.67	0.32	1.61	0.30	3.28	0.62	22	4	21	4
2008	1.58	0.33	1.60	0.34	3.18	0.67	26	6	28	6
2009	1.78	0.31	1.68	0.29	3.46	0.59	30	5	32	5
2010	1.64	0.32	1.79	0.35	3.43	0.67	37	7	38	7
2011	1.59	0.30	1.62	0.30	3.21	0.60	27	5	30	6
2012	1.70	0.33	1.69	0.32	3.39	0.65	26	5	31	6
n	12	12	12	12	12	12	12	12	12	12
Mean	1.66	0.32	1.65	0.32	3.31	0.64	27	5	29	6
S.D.	0.09	0.02	0.08	0.03	0.15	0.05	4	1	5	1

	Adrenal-RL		Testis-R		Testis-L		Testis-RL		Epididymis-R	
	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	43	9	1.65	0.34	1.60	0.33	3.25	0.67	679	140
2002	56	11	1.86	0.38	1.86	0.38	3.72	0.75	652	132
2003	48	10	1.87	0.38	1.81	0.37	3.68	0.74	657	133
2004	59	11	1.77	0.33	1.77	0.33	3.54	0.66	636	119
2005	57	11	1.43	0.27	1.42	0.27	2.85	0.54	554	104
2006	67	13	1.66	0.32	1.66	0.32	3.32	0.64	726	140
2007	43	8	1.84	0.35	1.75	0.33	3.59	0.68	655	124
2008	54	11	1.89	0.40	1.89	0.40	3.78	0.80	737	156
2009	62	11	1.78	0.31	1.84	0.32	3.62	0.62	680	117
2010	75	15	1.83	0.36	1.85	0.36	3.68	0.72	688	134
2011	57	11	1.61	0.30	1.60	0.30	3.21	0.60	630	118
2012	57	11	1.56	0.30	1.55	0.30	3.11	0.59	651	124
n	12	12	12	12	12	12	12	12	12	12
Mean	57	11	1.73	0.34	1.72	0.33	3.45	0.67	662	128
S.D.	9	2	0.15	0.04	0.15	0.04	0.29	0.08	47	14

AB : Absolute weight, RE : Relative weight by body weight

Organ weight
Sex : Male
Stage : End of administration
Dose : 3-methoxybutan-1-ol 100 mg/kg
Species : Rat

	Epididymis-L		Epididymis-RL		Prostate		Seminalvesicle	
	AB	RE	AB	RE	AB	RE	AB	RE
Animal No.	mg	mg/100g	mg	mg/100g	g	g/100g	g	g/100g
2001	649	134	1328	273	1.26	0.26	1.34	0.28
2002	615	124	1267	256	1.49	0.30	1.58	0.32
2003	690	139	1347	272	1.52	0.31	1.77	0.36
2004	655	122	1291	241	1.46	0.27	1.50	0.28
2005	547	103	1101	207	1.06	0.20	1.93	0.36
2006	653	126	1379	267	1.42	0.27	1.61	0.31
2007	614	116	1269	239	1.39	0.26	1.78	0.34
2008	687	146	1424	302	1.10	0.23	1.53	0.32
2009	714	123	1394	240	2.03	0.35	2.02	0.35
2010	687	134	1375	268	1.66	0.32	1.95	0.38
2011	611	115	1241	233	1.38	0.26	1.99	0.37
2012	616	118	1267	242	1.42	0.27	1.92	0.37
n	12	12	12	12	12	12	12	12
Mean	645	125	1307	253	1.43	0.28	1.74	0.34
S.D.	47	12	88	25	0.25	0.04	0.23	0.03

AB : Absolute weight, RE : Relative weight by body weight

Organ weight
Sex : Male
Stage : End of administration
Dose : 3-methoxybutan-1-ol 300 mg/kg
Species : Rat

Animal No.	Body weight	Brain		Pituitary		Thyroid-R		Thyroid-L	
		AB	RE	AB	RE	AB	RE	AB	RE
	g	g	g/100g	mg	mg/100g	mg	mg/100g	mg	mg/100g
3001	555	2.25	0.41	11.9	2.1	11.7	2.1	11.8	2.1
3002	507	2.21	0.44	12.7	2.5	12.2	2.4	7.5	1.5
3003	503	2.03	0.40	11.9	2.4	16.1	3.2	17.1	3.4
3004	543	1.99	0.37	13.8	2.5	11.0	2.0	9.6	1.8
3005	510	2.13	0.42	15.2	3.0	11.5	2.3	9.6	1.9
3006	539	2.27	0.42	13.4	2.5	11.5	2.1	8.5	1.6
3007	540	2.11	0.39	11.4	2.1	9.8	1.8	10.5	1.9
3008	534	2.15	0.40	14.0	2.6	9.8	1.8	10.4	1.9
3009	535	2.14	0.40	12.8	2.4	14.4	2.7	16.5	3.1
3010	520	2.22	0.43	11.6	2.2	12.4	2.4	12.6	2.4
3011	514	2.23	0.43	14.3	2.8	9.4	1.8	9.1	1.8
3012	587	2.29	0.39	13.4	2.3	11.5	2.0	11.5	2.0
n	12	12	12	12	12	12	12	12	12
Mean	532	2.17	0.41	13.0	2.5	11.8	2.2	11.2	2.1
S.D.	24	0.09	0.02	1.2	0.3	1.9	0.4	3.0	0.6

Animal No.	Thyroid-RL		Thymus		Heart		Liver		Spleen	
	AB	RE	AB	RE	AB	RE	AB	RE	AB	RE
	mg	mg/100g	mg	mg/100g	g	g/100g	g	g/100g	g	g/100g
3001	23.5	4.2	430	77	1.48	0.27	13.87	2.50	0.69	0.12
3002	19.7	3.9	296	58	1.49	0.29	10.85	2.14	0.79	0.16
3003	33.2	6.6	427	85	1.62	0.32	14.31	2.84	0.69	0.14
3004	20.6	3.8	237	44	1.33	0.24	13.67	2.52	0.65	0.12
3005	21.1	4.1	326	64	1.47	0.29	12.30	2.41	0.78	0.15
3006	20.0	3.7	274	51	1.43	0.27	13.20	2.45	0.76	0.14
3007	20.3	3.8	275	51	1.48	0.27	14.14	2.62	0.82	0.15
3008	20.2	3.8	286	54	1.53	0.29	13.35	2.50	0.76	0.14
3009	30.9	5.8	386	72	1.77	0.33	14.01	2.62	0.62	0.12
3010	25.0	4.8	392	75	1.37	0.26	14.32	2.75	0.77	0.15
3011	18.5	3.6	272	53	1.40	0.27	12.01	2.34	0.83	0.16
3012	23.0	3.9	275	47	1.65	0.28	15.72	2.68	0.98	0.17
n	12	12	12	12	12	12	12	12	12	12
Mean	23.0	4.3	323	61	1.50	0.28	13.48	2.53	0.76	0.14
S.D.	4.6	0.9	67	13	0.13	0.02	1.28	0.19	0.10	0.02

AB : Absolute weight, RE : Relative weight by body weight

Organ weight
Sex : Male
Stage : End of administration
Dose : 3-methoxybutan-1-ol 300 mg/kg
Species : Rat

	Kidney-R		Kidney-L		Kidney-RL		Adrenal-R		Adrenal-L	
	AB	RE	AB	RE	AB	RE	AB	RE	AB	RE
Animal No.	g	g/100g	g	g/100g	g	g/100g	mg	mg/100g	mg	mg/100g
3001	1.63	0.29	1.59	0.29	3.22	0.58	26	5	33	6
3002	1.59	0.31	1.61	0.32	3.20	0.63	34	7	34	7
3003	1.64	0.33	1.69	0.34	3.33	0.66	23	5	25	5
3004	1.60	0.29	1.47	0.27	3.07	0.57	30	6	33	6
3005	1.70	0.33	1.72	0.34	3.42	0.67	33	6	36	7
3006	1.86	0.35	1.84	0.34	3.70	0.69	29	5	33	6
3007	1.98	0.37	2.03	0.38	4.01	0.74	32	6	35	6
3008	1.54	0.29	1.64	0.31	3.18	0.60	32	6	32	6
3009	1.71	0.32	1.71	0.32	3.42	0.64	31	6	31	6
3010	1.66	0.32	1.59	0.31	3.25	0.63	25	5	30	6
3011	1.49	0.29	1.50	0.29	2.99	0.58	34	7	33	6
3012	1.93	0.33	1.88	0.32	3.81	0.65	27	5	28	5
n	12	12	12	12	12	12	12	12	12	12
Mean	1.69	0.32	1.69	0.32	3.38	0.64	30	6	32	6
S.D.	0.15	0.03	0.16	0.03	0.31	0.05	4	1	3	1

	Adrenal-RL		Testis-R		Testis-L		Testis-RL		Epididymis-R	
	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	59	11	1.64	0.30	1.70	0.31	3.34	0.60	702	126
3002	68	13	1.70	0.34	1.74	0.34	3.44	0.68	631	124
3003	48	10	1.78	0.35	1.79	0.36	3.57	0.71	701	139
3004	63	12	1.50	0.28	1.43	0.26	2.93	0.54	588	108
3005	69	14	1.60	0.31	1.63	0.32	3.23	0.63	591	116
3006	62	12	1.78	0.33	1.74	0.32	3.52	0.65	670	124
3007	67	12	1.71	0.32	1.69	0.31	3.40	0.63	688	127
3008	64	12	1.66	0.31	1.59	0.30	3.25	0.61	657	123
3009	62	12	1.51	0.28	1.48	0.28	2.99	0.56	608	114
3010	55	11	1.63	0.31	1.55	0.30	3.18	0.61	665	128
3011	67	13	1.72	0.33	1.77	0.34	3.49	0.68	693	135
3012	55	9	1.54	0.26	1.52	0.26	3.06	0.52	656	112
n	12	12	12	12	12	12	12	12	12	12
Mean	62	12	1.65	0.31	1.64	0.31	3.28	0.62	654	123
S.D.	6	1	0.10	0.03	0.12	0.03	0.21	0.06	41	9

AB : Absolute weight, RE : Relative weight by body weight

Organ weight
Sex : Male
Stage : End of administration
Dose : 3-methoxybutan-1-ol 300 mg/kg
Species : Rat

	Epididymis-L		Epididymis-RL		Prostate		Seminalvesicle	
	AB	RE	AB	RE	AB	RE	AB	RE
Animal No.	mg	mg/100g	mg	mg/100g	g	g/100g	g	g/100g
3001	643	116	1345	242	1.68	0.30	2.10	0.38
3002	630	124	1261	249	1.14	0.22	1.92	0.38
3003	655	130	1356	270	1.05	0.21	1.77	0.35
3004	560	103	1148	211	1.16	0.21	1.39	0.26
3005	573	112	1164	228	1.39	0.27	1.90	0.37
3006	641	119	1311	243	1.31	0.24	1.98	0.37
3007	697	129	1385	256	1.42	0.26	1.63	0.30
3008	610	114	1267	237	1.55	0.29	1.85	0.35
3009	610	114	1218	228	1.12	0.21	1.74	0.33
3010	621	119	1286	247	1.19	0.23	1.41	0.27
3011	683	133	1376	268	1.24	0.24	1.41	0.27
3012	503	86	1159	197	1.48	0.25	1.93	0.33
n	12	12	12	12	12	12	12	12
Mean	619	117	1273	240	1.31	0.24	1.75	0.33
S.D.	54	13	86	21	0.19	0.03	0.24	0.04

AB : Absolute weight, RE : Relative weight by body weight

Organ weight
Sex : Male
Stage : End of administration
Dose : 3-methoxybutan-1-ol 1000 mg/kg
Species : Rat

Animal No.	Body weight g	Brain AB g	Brain RE g/100g	Pituitary AB mg	Pituitary RE mg/100g	Thyroid-R AB mg	Thyroid-R RE mg/100g	Thyroid-L AB mg	Thyroid-L RE mg/100g
4001	501	2.18	0.44	13.6	2.7	10.0	2.0	8.7	1.7
4002	512	2.16	0.42	12.0	2.3	14.3	2.8	16.2	3.2
4003	536	2.15	0.40	13.5	2.5	11.5	2.1	12.1	2.3
4004	516	2.06	0.40	12.9	2.5	11.2	2.2	11.3	2.2
4005	503	2.20	0.44	12.3	2.4	10.8	2.1	8.5	1.7
4006	492	2.16	0.44	11.9	2.4	12.8	2.6	9.4	1.9
4007	498	2.08	0.42	12.3	2.5	14.2	2.9	15.4	3.1
n	7	7	7	7	7	7	7	7	7
Mean	508	2.14	0.42	12.6	2.5	12.1	2.4	11.7	2.3
S.D.	15	0.05	0.02	0.7	0.1	1.7	0.4	3.1	0.6

Animal No.	Thyroid-RL AB mg	Thyroid-RL RE mg/100g	Thymus AB mg	Thymus RE mg/100g	Heart AB g	Heart RE g/100g	Liver AB g	Liver RE g/100g	Spleen AB g	Spleen RE g/100g
4001	18.7	3.7	312	62	1.56	0.31	12.80	2.55	0.83	0.17
4002	30.5	6.0	303	59	1.54	0.30	13.21	2.58	0.74	0.14
4003	23.6	4.4	369	69	1.60	0.30	14.45	2.70	0.75	0.14
4004	22.5	4.4	285	55	1.51	0.29	13.38	2.59	0.84	0.16
4005	19.3	3.8	263	52	1.42	0.28	12.22	2.43	0.73	0.15
4006	22.2	4.5	215	44	1.41	0.29	12.66	2.57	0.65	0.13
4007	29.6	5.9	262	53	1.38	0.28	13.27	2.66	0.61	0.12
n	7	7	7	7	7	7	7	7	7	7
Mean	23.8	4.7	287	56	1.49	0.29	13.14	2.58	0.74	0.14
S.D.	4.6	0.9	48	8	0.08	0.01	0.71	0.09	0.08	0.02

Animal No.	Kidney-R AB g	Kidney-R RE g/100g	Kidney-L AB g	Kidney-L RE g/100g	Kidney-RL AB g	Kidney-RL RE g/100g	Adrenal-R AB mg	Adrenal-R RE mg/100g	Adrenal-L AB mg	Adrenal-L RE mg/100g
4001	1.64	0.33	1.69	0.34	3.33	0.66	30	6	33	7
4002	1.87	0.37	1.72	0.34	3.59	0.70	33	6	32	6
4003	1.94	0.36	2.07	0.39	4.01	0.75	29	5	28	5
4004	1.84	0.36	1.78	0.34	3.62	0.70	31	6	33	6
4005	1.80	0.36	1.68	0.33	3.48	0.69	26	5	29	6
4006	1.60	0.33	1.56	0.32	3.16	0.64	28	6	28	6
4007	1.93	0.39	2.02	0.41	3.95	0.79	22	4	23	5
n	7	7	7	7	7	7	7	7	7	7
Mean	1.80	0.36	1.79	0.35	3.59	0.70	28	5	29	6
S.D.	0.13	0.02	0.19	0.03	0.31	0.05	4	1	4	1

AB : Absolute weight, RE : Relative weight by body weight

Organ weight
Sex : Male

Stage : End of administration
Dose : 3-methoxybutan-1-ol 1000 mg/kg

Species : Rat

	Adrenal-RL		Testis-R		Testis-L		Testis-RL		Epididymis-R	
	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	63	13	1.71	0.34	1.72	0.34	3.43	0.68	669	134
4002	65	13	1.65	0.32	1.75	0.34	3.40	0.66	659	129
4003	57	11	1.82	0.34	1.88	0.35	3.70	0.69	695	130
4004	64	12	1.63	0.32	1.64	0.32	3.27	0.63	692	134
4005	55	11	1.60	0.32	1.60	0.32	3.20	0.64	639	127
4006	56	11	1.70	0.35	1.67	0.34	3.37	0.68	712	145
4007	45	9	1.60	0.32	1.57	0.32	3.17	0.64	619	124
n	7	7	7	7	7	7	7	7	7	7
Mean	58	11	1.67	0.33	1.69	0.33	3.36	0.66	669	132
S.D.	7	1	0.08	0.01	0.10	0.01	0.18	0.02	33	7

	Epididymis-L		Epididymis-RL		Prostate		Seminalvesicle	
	AB	RE	AB	RE	AB	RE	AB	RE
Animal No.	mg	mg/100g	mg	mg/100g	g	g/100g	g	g/100g
4001	661	132	1330	265	1.11	0.22	1.67	0.33
4002	663	129	1322	258	1.29	0.25	2.03	0.40
4003	633	118	1328	248	1.22	0.23	2.10	0.39
4004	639	124	1331	258	1.54	0.30	2.00	0.39
4005	586	117	1225	244	1.37	0.27	1.64	0.33
4006	701	142	1413	287	1.21	0.25	2.07	0.42
4007	588	118	1207	242	1.33	0.27	1.91	0.38
n	7	7	7	7	7	7	7	7
Mean	639	126	1308	257	1.30	0.26	1.92	0.38
S.D.	42	9	70	15	0.14	0.03	0.19	0.03

AB : Absolute weight, RE : Relative weight by body weight

Organ weight
Sex : Female
Stage : Lactation day 5
Dose : 3-methoxybutan-1-ol 0 mg/kg
Species : Rat

	Body weight	Brain		Pituitary		Thyroid-R		Thyroid-L	
		AB	RE	AB	RE	AB	RE	AB	RE
Animal No.	g	g	g/100g	mg	mg/100g	mg	mg/100g	mg	mg/100g
1101	332	1.95	0.59	17.0	5.1	8.1	2.4	8.6	2.6
1102	319	2.00	0.63	18.6	5.8	9.6	3.0	7.2	2.3
1103	306	1.95	0.64	18.2	5.9	7.0	2.3	7.6	2.5
1104	307	1.88	0.61	16.6	5.4	7.8	2.5	9.5	3.1
1105	343	1.93	0.56	15.6	4.5	7.3	2.1	6.4	1.9
1106	315	1.95	0.62	15.8	5.0	11.8	3.7	7.1	2.3
1107	339	2.07	0.61	11.3	3.3	8.8	2.6	9.1	2.7
1108	332	1.95	0.59	18.5	5.6	8.0	2.4	8.2	2.5
1109	344	2.00	0.58	15.5	4.5	7.0	2.0	6.2	1.8
1110	332	1.92	0.58	16.4	4.9	8.0	2.4	7.8	2.3
1111	316	2.01	0.64	22.8	7.2	7.9	2.5	7.1	2.2
1112	311	1.93	0.62	22.1	7.1	8.7	2.8	7.6	2.4
n	12	12	12	12	12	12	12	12	12
Mean	325	1.96	0.61	17.4	5.4	8.3	2.6	7.7	2.4
S.D.	14	0.05	0.03	3.1	1.1	1.3	0.5	1.0	0.3

	Thyroid-RL		Thymus		Heart		Liver		Spleen	
	AB	RE	AB	RE	AB	RE	AB	RE	AB	RE
Animal No.	mg	mg/100g	mg	mg/100g	g	g/100g	g	g/100g	g	g/100g
1101	16.7	5.0	196	59	1.06	0.32	9.37	2.82	0.62	0.19
1102	16.8	5.3	257	81	1.01	0.32	10.27	3.22	0.65	0.20
1103	14.6	4.8	287	94	1.02	0.33	10.40	3.40	0.69	0.23
1104	17.3	5.6	186	61	1.03	0.34	9.47	3.08	0.63	0.21
1105	13.7	4.0	192	56	1.04	0.30	10.95	3.19	0.79	0.23
1106	18.9	6.0	144	46	0.93	0.30	10.48	3.33	0.84	0.27
1107	17.9	5.3	289	85	1.08	0.32	10.40	3.07	0.60	0.18
1108	16.2	4.9	205	62	0.94	0.28	9.59	2.89	0.65	0.20
1109	13.2	3.8	349	101	1.09	0.32	10.17	2.96	0.73	0.21
1110	15.8	4.8	264	80	1.00	0.30	10.06	3.03	0.61	0.18
1111	15.0	4.7	185	59	1.07	0.34	10.24	3.24	0.76	0.24
1112	16.3	5.2	171	55	1.25	0.40	9.88	3.18	0.71	0.23
n	12	12	12	12	12	12	12	12	12	12
Mean	16.0	5.0	227	70	1.04	0.32	10.11	3.12	0.69	0.21
S.D.	1.7	0.6	61	17	0.08	0.03	0.46	0.17	0.08	0.03

AB : Absolute weight, RE : Relative weight by body weight

Organ weight
Sex : Female
Stage : Lactation day 5
Dose : 3-methoxybutan-1-ol 0 mg/kg
Species : Rat

	Kidney-R		Kidney-L		Kidney-RL		Adrenal-R		Adrenal-L	
	AB	RE	AB	RE	AB	RE	AB	RE	AB	RE
Animal No.	g	g/100g	g	g/100g	g	g/100g	mg	mg/100g	mg	mg/100g
1101	1.05	0.32	1.06	0.32	2.11	0.64	43	13	46	14
1102	1.22	0.38	1.18	0.37	2.40	0.75	33	10	35	11
1103	1.13	0.37	1.12	0.37	2.25	0.74	33	11	37	12
1104	0.97	0.32	0.94	0.31	1.91	0.62	31	10	36	12
1105	1.23	0.36	1.25	0.36	2.48	0.72	44	13	45	13
1106	1.13	0.36	1.09	0.35	2.22	0.70	41	13	45	14
1107	1.18	0.35	1.15	0.34	2.33	0.69	33	10	36	11
1108	1.13	0.34	1.08	0.33	2.21	0.67	34	10	40	12
1109	1.05	0.31	0.97	0.28	2.02	0.59	33	10	28	8
1110	1.18	0.36	1.16	0.35	2.34	0.70	34	10	35	11
1111	1.07	0.34	1.03	0.33	2.10	0.66	34	11	36	11
1112	1.14	0.37	1.11	0.36	2.25	0.72	39	13	36	12
n	12	12	12	12	12	12	12	12	12	12
Mean	1.12	0.35	1.10	0.34	2.22	0.68	36	11	38	12
S.D.	0.08	0.02	0.09	0.03	0.16	0.05	4	1	5	2

	Adrenal-RL		Ovary-R		Ovary-L		Ovary-RL		Uterus	
	AB	RE	AB	RE	AB	RE	AB	RE	AB	RE
Animal No.	mg	mg/100g	mg	mg/100g	mg	mg/100g	mg	mg/100g	mg	mg/100g
1101	89	27	59.7	18.0	52.9	15.9	112.6	33.9	606	183
1102	68	21	48.1	15.1	47.1	14.8	95.2	29.8	606	190
1103	70	23	59.6	19.5	46.8	15.3	106.4	34.8	736	241
1104	67	22	47.0	15.3	50.5	16.4	97.5	31.8	754	246
1105	89	26	45.9	13.4	60.8	17.7	106.7	31.1	755	220
1106	86	27	50.0	15.9	65.0	20.6	115.0	36.5	729	231
1107	69	20	57.1	16.8	69.4	20.5	126.5	37.3	726	214
1108	74	22	64.6	19.5	64.5	19.4	129.1	38.9	783	236
1109	61	18	57.0	16.6	55.9	16.3	112.9	32.8	963	280
1110	69	21	56.0	16.9	45.1	13.6	101.1	30.5	861	259
1111	70	22	55.6	17.6	64.7	20.5	120.3	38.1	849	269
1112	75	24	49.6	15.9	56.8	18.3	106.4	34.2	831	267
n	12	12	12	12	12	12	12	12	12	12
Mean	74	23	54.2	16.7	56.6	17.4	110.8	34.1	767	236
S.D.	9	3	5.9	1.8	8.3	2.4	10.7	3.1	102	31

AB : Absolute weight, RE : Relative weight by body weight

Organ weight
Sex : Female
Stage : Lactation day 5
Dose : 3-methoxybutan-1-ol 100 mg/kg
Species : Rat

Animal No.	Body weight g	Brain AB g	Brain RE g/100g	Pituitary AB mg	Pituitary RE mg/100g	Thyroid-R AB mg	Thyroid-R RE mg/100g	Thyroid-L AB mg	Thyroid-L RE mg/100g
2101	312	1.91	0.61	18.0	5.8	6.9	2.2	7.5	2.4
2102	332	2.06	0.62	15.6	4.7	9.0	2.7	8.6	2.6
2103	329	1.93	0.59	15.2	4.6	9.2	2.8	7.2	2.2
2104	330	2.02	0.61	15.2	4.6	9.8	3.0	8.7	2.6
2105	324	2.03	0.63	18.2	5.6	9.3	2.9	6.7	2.1
2106	309	1.94	0.63	19.1	6.2	10.2	3.3	9.1	2.9
2107	301	2.03	0.67	18.5	6.1	11.4	3.8	9.5	3.2
2109	313	1.86	0.59	19.4	6.2	5.8	1.9	8.4	2.7
2110	309	1.99	0.64	13.4	4.3	7.9	2.6	9.0	2.9
2111	324	1.93	0.60	19.3	6.0	10.4	3.2	9.3	2.9
2112	346	2.00	0.58	21.9	6.3	9.6	2.8	8.7	2.5
n	11	11	11	11	11	11	11	11	11
Mean	321	1.97	0.62	17.6	5.5	9.0	2.8	8.4	2.6
S.D.	13	0.06	0.03	2.5	0.8	1.6	0.5	0.9	0.3

Animal No.	Thyroid-RL AB mg	Thyroid-RL RE mg/100g	Thymus AB mg	Thymus RE mg/100g	Heart AB g	Heart RE g/100g	Liver AB g	Liver RE g/100g	Spleen AB g	Spleen RE g/100g
2101	14.4	4.6	157	50	1.07	0.34	9.79	3.14	0.78	0.25
2102	17.6	5.3	239	72	1.01	0.30	9.86	2.97	0.68	0.20
2103	16.4	5.0	254	77	0.99	0.30	10.53	3.20	0.78	0.24
2104	18.5	5.6	188	57	0.95	0.29	9.82	2.98	0.78	0.24
2105	16.0	4.9	232	72	0.96	0.30	9.00	2.78	0.67	0.21
2106	19.3	6.2	193	62	0.94	0.30	8.74	2.83	0.63	0.20
2107	20.9	6.9	150	50	1.05	0.35	8.95	2.97	0.77	0.26
2109	14.2	4.5	148	47	0.96	0.31	9.66	3.09	0.67	0.21
2110	16.9	5.5	217	70	1.00	0.32	8.67	2.81	0.55	0.18
2111	19.7	6.1	290	90	1.00	0.31	10.96	3.38	0.78	0.24
2112	18.3	5.3	255	74	1.09	0.32	11.12	3.21	0.86	0.25
n	11	11	11	11	11	11	11	11	11	11
Mean	17.5	5.4	211	66	1.00	0.31	9.74	3.03	0.72	0.23
S.D.	2.1	0.7	48	13	0.05	0.02	0.86	0.19	0.09	0.03

AB : Absolute weight, RE : Relative weight by body weight
Animal No.2108 : Non-pregnancy

Organ weight
Sex : Female
Stage : Lactation day 5
Dose : 3-methoxybutan-1-ol 100 mg/kg
Species : Rat

	Kidney-R		Kidney-L		Kidney-RL		Adrenal-R		Adrenal-L	
	AB	RE	AB	RE	AB	RE	AB	RE	AB	RE
Animal No.	g	g/100g	g	g/100g	g	g/100g	mg	mg/100g	mg	mg/100g
2101	1.10	0.35	1.08	0.35	2.18	0.70	36	12	38	12
2102	1.05	0.32	1.06	0.32	2.11	0.64	34	10	39	12
2103	1.07	0.33	1.10	0.33	2.17	0.66	40	12	44	13
2104	1.13	0.34	1.22	0.37	2.35	0.71	39	12	41	12
2105	1.08	0.33	1.02	0.31	2.10	0.65	31	10	35	11
2106	1.11	0.36	1.24	0.40	2.35	0.76	35	11	42	14
2107	1.14	0.38	1.11	0.37	2.25	0.75	31	10	37	12
2109	1.00	0.32	0.94	0.30	1.94	0.62	43	14	42	13
2110	0.98	0.32	0.96	0.31	1.94	0.63	36	12	39	13
2111	1.04	0.32	1.03	0.32	2.07	0.64	37	11	38	12
2112	1.21	0.35	1.28	0.37	2.49	0.72	38	11	39	11
n	11	11	11	11	11	11	11	11	11	11
Mean	1.08	0.34	1.09	0.34	2.18	0.68	36	11	39	12
S.D.	0.07	0.02	0.11	0.03	0.17	0.05	4	1	3	1

	Adrenal-RL		Ovary-R		Ovary-L		Ovary-RL		Uterus	
	AB	RE	AB	RE	AB	RE	AB	RE	AB	RE
Animal No.	mg	mg/100g	mg	mg/100g	mg	mg/100g	mg	mg/100g	mg	mg/100g
2101	74	24	47.7	15.3	69.6	22.3	117.3	37.6	675	216
2102	73	22	45.8	13.8	64.4	19.4	110.2	33.2	732	220
2103	84	26	51.9	15.8	60.4	18.4	112.3	34.1	968	294
2104	80	24	53.9	16.3	50.9	15.4	104.8	31.8	725	220
2105	66	20	50.6	15.6	63.3	19.5	113.9	35.2	617	190
2106	77	25	52.6	17.0	51.9	16.8	104.5	33.8	661	214
2107	68	23	54.0	17.9	53.8	17.9	107.8	35.8	724	241
2109	85	27	57.1	18.2	53.3	17.0	110.4	35.3	702	224
2110	75	24	44.4	14.4	44.2	14.3	88.6	28.7	869	281
2111	75	23	43.9	13.5	63.2	19.5	107.1	33.1	695	215
2112	77	22	53.2	15.4	70.0	20.2	123.2	35.6	666	192
n	11	11	11	11	11	11	11	11	11	11
Mean	76	24	50.5	15.7	58.6	18.2	109.1	34.0	730	228
S.D.	6	2	4.4	1.5	8.3	2.3	8.8	2.4	101	33

AB : Absolute weight, RE : Relative weight by body weight
Animal No.2108 : Non-pregnancy

Organ weight
Sex : Female
Stage : Lactation day 5
Dose : 3-methoxybutan-1-ol 300 mg/kg
Species : Rat

Animal No.	Body weight g	Brain AB g	Brain RE g/100g	Pituitary AB mg	Pituitary RE mg/100g	Thyroid-R AB mg	Thyroid-R RE mg/100g	Thyroid-L AB mg	Thyroid-L RE mg/100g
3102	314	2.04	0.65	17.3	5.5	7.8	2.5	9.9	3.2
3103	301	2.00	0.66	21.4	7.1	10.8	3.6	11.6	3.9
3104	330	2.01	0.61	18.3	5.5	7.8	2.4	8.7	2.6
3105	318	1.98	0.62	17.4	5.5	9.3	2.9	8.3	2.6
3106	320	1.85	0.58	16.3	5.1	13.4	4.2	10.9	3.4
3107	286	1.92	0.67	16.4	5.7	10.3	3.6	9.3	3.3
3108	327	1.97	0.60	19.1	5.8	9.5	2.9	8.2	2.5
3109	328	2.11	0.64	15.4	4.7	7.1	2.2	6.7	2.0
3110	336	2.04	0.61	17.2	5.1	8.7	2.6	9.4	2.8
3111	356	1.99	0.56	16.0	4.5	8.2	2.3	7.7	2.2
3112	351	2.05	0.58	19.5	5.6	11.2	3.2	8.3	2.4
n	11	11	11	11	11	11	11	11	11
Mean	324	2.00	0.62	17.7	5.5	9.5	2.9	9.0	2.8
S.D.	20	0.07	0.04	1.8	0.7	1.9	0.6	1.4	0.6

Animal No.	Thyroid-RL AB mg	Thyroid-RL RE mg/100g	Thymus AB mg	Thymus RE mg/100g	Heart AB g	Heart RE g/100g	Liver AB g	Liver RE g/100g	Spleen AB g	Spleen RE g/100g
3102	17.7	5.6	249	79	0.90	0.29	8.87	2.82	0.57	0.18
3103	22.4	7.4	231	77	1.03	0.34	9.54	3.17	0.85	0.28
3104	16.5	5.0	234	71	1.07	0.32	11.29	3.42	0.80	0.24
3105	17.6	5.5	217	68	0.99	0.31	9.24	2.91	0.75	0.24
3106	24.3	7.6	247	77	1.13	0.35	10.57	3.30	0.61	0.19
3107	19.6	6.9	233	81	0.92	0.32	8.54	2.99	0.79	0.28
3108	17.7	5.4	208	64	1.01	0.31	9.83	3.01	0.68	0.21
3109	13.8	4.2	153	47	1.01	0.31	9.77	2.98	0.59	0.18
3110	18.1	5.4	211	63	1.00	0.30	9.66	2.88	0.78	0.23
3111	15.9	4.5	213	60	1.08	0.30	10.62	2.98	0.78	0.22
3112	19.5	5.6	274	78	1.09	0.31	12.18	3.47	0.79	0.23
n	11	11	11	11	11	11	11	11	11	11
Mean	18.5	5.7	225	70	1.02	0.31	10.01	3.08	0.73	0.23
S.D.	2.9	1.1	31	10	0.07	0.02	1.07	0.22	0.10	0.03

AB : Absolute weight, RE : Relative weight by body weight
Animal No.3101 : Died on lactation day 1

Organ weight
Sex : Female

Stage : Lactation day 5
Dose : 3-methoxybutan-1-ol 300 mg/kg

Species : Rat

	Kidney-R		Kidney-L		Kidney-RL		Adrenal-R		Adrenal-L	
	AB	RE	AB	RE	AB	RE	AB	RE	AB	RE
Animal No.	g	g/100g	g	g/100g	g	g/100g	mg	mg/100g	mg	mg/100g
3102	1.10	0.35	1.12	0.36	2.22	0.71	31	10	30	10
3103	1.11	0.37	1.16	0.39	2.27	0.75	52	17	54	18
3104	1.11	0.34	1.18	0.36	2.29	0.69	39	12	40	12
3105	1.02	0.32	1.05	0.33	2.07	0.65	34	11	34	11
3106	1.13	0.35	1.18	0.37	2.31	0.72	38	12	42	13
3107	0.94	0.33	0.98	0.34	1.92	0.67	32	11	36	13
3108	1.06	0.32	1.04	0.32	2.10	0.64	40	12	44	13
3109	1.33	0.41	1.25	0.38	2.58	0.79	41	13	42	13
3110	1.09	0.32	1.11	0.33	2.20	0.65	36	11	35	10
3111	1.08	0.30	1.11	0.31	2.19	0.62	38	11	42	12
3112	1.23	0.35	1.22	0.35	2.45	0.70	35	10	43	12
n	11	11	11	11	11	11	11	11	11	11
Mean	1.11	0.34	1.13	0.35	2.24	0.69	38	12	40	12
S.D.	0.10	0.03	0.08	0.03	0.18	0.05	6	2	6	2

	Adrenal-RL		Ovary-R		Ovary-L		Ovary-RL		Uterus	
	AB	RE	AB	RE	AB	RE	AB	RE	AB	RE
Animal No.	mg	mg/100g	mg	mg/100g	mg	mg/100g	mg	mg/100g	mg	mg/100g
3102	61	19	38.5	12.3	52.5	16.7	91.0	29.0	611	195
3103	106	35	54.6	18.1	53.0	17.6	107.6	35.7	804	267
3104	79	24	49.5	15.0	66.9	20.3	116.4	35.3	715	217
3105	68	21	41.8	13.1	53.0	16.7	94.8	29.8	642	202
3106	80	25	37.7	11.8	54.1	16.9	91.8	28.7	673	210
3107	68	24	51.6	18.0	34.0	11.9	85.6	29.9	880	308
3108	84	26	51.8	15.8	64.5	19.7	116.3	35.6	738	226
3109	83	25	58.0	17.7	56.8	17.3	114.8	35.0	750	229
3110	71	21	53.0	15.8	43.7	13.0	96.7	28.8	868	258
3111	80	22	53.1	14.9	56.0	15.7	109.1	30.6	965	271
3112	78	22	56.8	16.2	56.3	16.0	113.1	32.2	850	242
n	11	11	11	11	11	11	11	11	11	11
Mean	78	24	49.7	15.3	53.7	16.5	103.4	31.9	772	239
S.D.	12	4	7.1	2.2	9.0	2.5	11.5	3.0	111	34

AB : Absolute weight, RE : Relative weight by body weight
Animal No.3101 : Died on lactation day 1

Organ weight
Sex : Female
Stage : Lactation day 5
Dose : 3-methoxybutan-1-ol 1000 mg/kg
Species : Rat

	Body weight	Brain		Pituitary		Thyroid-R		Thyroid-L	
		AB	RE	AB	RE	AB	RE	AB	RE
Animal No.	g	g	g/100g	mg	mg/100g	mg	mg/100g	mg	mg/100g
4101	304	1.84	0.61	15.4	5.1	8.4	2.8	9.9	3.3
4102	359	1.98	0.55	16.5	4.6	8.9	2.5	8.9	2.5
4103	348	2.09	0.60	16.0	4.6	7.6	2.2	12.6	3.6
4104	326	1.90	0.58	19.6	6.0	8.8	2.7	12.3	3.8
4105	358	1.92	0.54	15.3	4.3	9.7	2.7	8.9	2.5
4106	334	1.95	0.58	17.4	5.2	10.8	3.2	8.2	2.5
4107	313	1.88	0.60	16.2	5.2	8.3	2.7	6.8	2.2
4108	300	2.00	0.67	20.6	6.9	7.9	2.6	7.4	2.5
4109	327	1.89	0.58	18.6	5.7	8.2	2.5	7.8	2.4
4110	325	2.00	0.62	13.2	4.1	9.4	2.9	6.0	1.8
4111	312	1.88	0.60	13.2	4.2	7.6	2.4	6.5	2.1
4112	337	1.93	0.57	15.6	4.6	12.0	3.6	9.9	2.9
n	12	12	12	12	12	12	12	12	12
Mean	329	1.94	0.59	16.5	5.0	9.0	2.7	8.8	2.7
S.D.	20	0.07	0.03	2.3	0.8	1.3	0.4	2.1	0.6

	Thyroid-RL		Thymus		Heart		Liver		Spleen	
	AB	RE	AB	RE	AB	RE	AB	RE	AB	RE
Animal No.	mg	mg/100g	mg	mg/100g	g	g/100g	g	g/100g	g	g/100g
4101	18.3	6.0	167	55	1.02	0.34	10.33	3.40	0.60	0.20
4102	17.8	5.0	279	78	1.14	0.32	11.60	3.23	0.67	0.19
4103	20.2	5.8	196	56	1.54	0.44	12.72	3.66	0.80	0.23
4104	21.1	6.5	157	48	1.08	0.33	10.60	3.25	0.66	0.20
4105	18.6	5.2	215	60	1.17	0.33	13.01	3.63	0.77	0.22
4106	19.0	5.7	341	102	1.13	0.34	10.44	3.13	0.79	0.24
4107	15.1	4.8	227	73	1.04	0.33	10.17	3.25	0.66	0.21
4108	15.3	5.1	186	62	1.08	0.36	11.33	3.78	0.65	0.22
4109	16.0	4.9	247	76	1.20	0.37	10.26	3.14	0.66	0.20
4110	15.4	4.7	189	58	1.07	0.33	9.91	3.05	0.63	0.19
4111	14.1	4.5	192	62	0.98	0.31	10.94	3.51	0.67	0.21
4112	21.9	6.5	180	53	1.12	0.33	11.31	3.36	0.73	0.22
n	12	12	12	12	12	12	12	12	12	12
Mean	17.7	5.4	215	65	1.13	0.34	11.05	3.37	0.69	0.21
S.D.	2.6	0.7	53	15	0.14	0.03	0.99	0.23	0.07	0.02

AB : Absolute weight, RE : Relative weight by body weight

Organ weight
Sex : Female

Stage : Lactation day 5
Dose : 3-methoxybutan-1-ol 1000 mg/kg

Species : Rat

	Kidney-R		Kidney-L		Kidney-RL		Adrenal-R		Adrenal-L	
	AB	RE	AB	RE	AB	RE	AB	RE	AB	RE
Animal No.	g	g/100g	g	g/100g	g	g/100g	mg	mg/100g	mg	mg/100g
4101	1.15	0.38	1.14	0.38	2.29	0.75	32	11	32	11
4102	1.31	0.36	1.30	0.36	2.61	0.73	39	11	40	11
4103	1.20	0.34	1.20	0.34	2.40	0.69	39	11	41	12
4104	1.22	0.37	1.28	0.39	2.50	0.77	35	11	39	12
4105	1.15	0.32	1.10	0.31	2.25	0.63	37	10	37	10
4106	1.20	0.36	1.14	0.34	2.34	0.70	33	10	39	12
4107	1.04	0.33	0.96	0.31	2.00	0.64	32	10	34	11
4108	1.15	0.38	1.14	0.38	2.29	0.76	45	15	44	15
4109	1.20	0.37	1.23	0.38	2.43	0.74	35	11	33	10
4110	1.04	0.32	1.07	0.33	2.11	0.65	31	10	33	10
4111	1.09	0.35	1.05	0.34	2.14	0.69	24	8	26	8
4112	1.18	0.35	1.02	0.30	2.20	0.65	36	11	44	13
n	12	12	12	12	12	12	12	12	12	12
Mean	1.16	0.35	1.14	0.35	2.30	0.70	35	11	37	11
S.D.	0.08	0.02	0.10	0.03	0.17	0.05	5	2	5	2

	Adrenal-RL		Ovary-R		Ovary-L		Ovary-RL		Uterus	
	AB	RE	AB	RE	AB	RE	AB	RE	AB	RE
Animal No.	mg	mg/100g	mg	mg/100g	mg	mg/100g	mg	mg/100g	mg	mg/100g
4101	64	21	65.1	21.4	34.3	11.3	99.4	32.7	664	218
4102	79	22	59.6	16.6	54.1	15.1	113.7	31.7	832	232
4103	80	23	66.9	19.2	51.3	14.7	118.2	34.0	965	277
4104	74	23	53.8	16.5	59.1	18.1	112.9	34.6	979	300
4105	74	21	50.1	14.0	54.1	15.1	104.2	29.1	783	219
4106	72	22	56.8	17.0	60.4	18.1	117.2	35.1	836	250
4107	66	21	48.9	15.6	48.3	15.4	97.2	31.1	651	208
4108	89	30	49.1	16.4	58.7	19.6	107.8	35.9	703	234
4109	68	21	47.9	14.6	40.0	12.2	87.9	26.9	806	246
4110	64	20	49.7	15.3	49.3	15.2	99.0	30.5	701	216
4111	50	16	36.2	11.6	43.5	13.9	79.7	25.5	666	213
4112	80	24	55.1	16.4	47.0	13.9	102.1	30.3	888	264
n	12	12	12	12	12	12	12	12	12	12
Mean	72	22	53.3	16.2	50.0	15.2	103.3	31.5	790	240
S.D.	10	3	8.3	2.5	8.0	2.4	11.7	3.2	115	29

AB : Absolute weight, RE : Relative weight by body weight

Organ weight
Sex : Female
Stage : End of administration
Dose : 3-methoxybutan-1-ol 0 mg/kg
Species : Rat

Animal No.	Body weight g	Brain AB g	Brain RE g/100g	Pituitary AB mg	Pituitary RE mg/100g	Thyroid-R AB mg	Thyroid-R RE mg/100g	Thyroid-L AB mg	Thyroid-L RE mg/100g
5101	269	1.99	0.74	15.2	5.7	8.5	3.2	9.4	3.5
5102	300	2.04	0.68	16.8	5.6	7.5	2.5	8.1	2.7
5103	283	2.16	0.76	12.9	4.6	8.9	3.1	7.6	2.7
5104	286	2.04	0.71	20.0	7.0	8.4	2.9	7.7	2.7
5105	282	2.02	0.72	14.3	5.1	7.5	2.7	11.9	4.2
n	5	5	5	5	5	5	5	5	5
Mean	284	2.05	0.72	15.8	5.6	8.2	2.9	8.9	3.2
S.D.	11	0.06	0.03	2.7	0.9	0.6	0.3	1.8	0.7

Animal No.	Thyroid-RL AB mg	Thyroid-RL RE mg/100g	Thymus AB mg	Thymus RE mg/100g	Heart AB g	Heart RE g/100g	Liver AB g	Liver RE g/100g	Spleen AB g	Spleen RE g/100g
5101	17.9	6.7	188	70	0.79	0.29	6.16	2.29	0.43	0.16
5102	15.6	5.2	236	79	1.02	0.34	8.13	2.71	0.54	0.18
5103	16.5	5.8	297	105	0.91	0.32	7.11	2.51	0.50	0.18
5104	16.1	5.6	240	84	0.88	0.31	6.57	2.30	0.50	0.17
5105	19.4	6.9	335	119	1.11	0.39	6.97	2.47	0.69	0.24
n	5	5	5	5	5	5	5	5	5	5
Mean	17.1	6.0	259	91	0.94	0.33	6.99	2.46	0.53	0.19
S.D.	1.5	0.7	57	20	0.12	0.04	0.74	0.17	0.10	0.03

Animal No.	Kidney-R AB g	Kidney-R RE g/100g	Kidney-L AB g	Kidney-L RE g/100g	Kidney-RL AB g	Kidney-RL RE g/100g	Adrenal-R AB mg	Adrenal-R RE mg/100g	Adrenal-L AB mg	Adrenal-L RE mg/100g
5101	0.82	0.30	0.82	0.30	1.64	0.61	30	11	33	12
5102	0.90	0.30	0.92	0.31	1.82	0.61	28	9	32	11
5103	0.87	0.31	0.89	0.31	1.76	0.62	30	11	30	11
5104	0.92	0.32	0.88	0.31	1.80	0.63	27	9	29	10
5105	0.90	0.32	0.89	0.32	1.79	0.63	35	12	39	14
n	5	5	5	5	5	5	5	5	5	5
Mean	0.88	0.31	0.88	0.31	1.76	0.62	30	10	33	12
S.D.	0.04	0.01	0.04	0.01	0.07	0.01	3	1	4	2

AB : Absolute weight, RE : Relative weight by body weight

Organ weight
Sex : Female

Stage : End of administration
Dose : 3-methoxybutan-1-ol 0 mg/kg

Species : Rat

	Adrenal-RL		Ovary-R		Ovary-L		Ovary-RL		Uterus	
	AB	RE	AB	RE	AB	RE	AB	RE	AB	RE
Animal No.	mg	mg/100g	mg	mg/100g	mg	mg/100g	mg	mg/100g	mg	mg/100g
5101	63	23	33.6	12.5	35.9	13.3	69.5	25.8	556	207
5102	60	20	37.8	12.6	41.4	13.8	79.2	26.4	705	235
5103	60	21	47.2	16.7	44.6	15.8	91.8	32.4	452	160
5104	56	20	41.2	14.4	35.0	12.2	76.2	26.6	742	259
5105	74	26	42.2	15.0	45.2	16.0	87.4	31.0	563	200
n	5	5	5	5	5	5	5	5	5	5
Mean	63	22	40.4	14.2	40.4	14.2	80.8	28.4	604	212
S.D.	7	3	5.1	1.8	4.8	1.6	8.9	3.0	119	37

AB : Absolute weight, RE : Relative weight by body weight

Organ weight
Sex : Female
Stage : End of administration
Dose : 3-methoxybutan-1-ol 1000 mg/kg
Species : Rat

Animal No.	Body weight g	Brain AB g	Brain RE g/100g	Pituitary AB mg	Pituitary RE mg/100g	Thyroid-R AB mg	Thyroid-R RE mg/100g	Thyroid-L AB mg	Thyroid-L RE mg/100g
6101	302	2.12	0.70	17.5	5.8	11.6	3.8	9.7	3.2
6102	287	1.89	0.66	15.6	5.4	8.6	3.0	7.6	2.6
6103	277	1.94	0.70	13.5	4.9	6.3	2.3	6.3	2.3
6104	277	1.94	0.70	16.4	5.9	10.3	3.7	9.4	3.4
6105	282	2.14	0.76	22.9	8.1	9.9	3.5	9.0	3.2
n	5	5	5	5	5	5	5	5	5
Mean	285	2.01	0.70	17.2	6.0	9.3	3.3	8.4	2.9
S.D.	10	0.12	0.04	3.5	1.2	2.0	0.6	1.4	0.5

Animal No.	Thyroid-RL AB mg	Thyroid-RL RE mg/100g	Thymus AB mg	Thymus RE mg/100g	Heart AB g	Heart RE g/100g	Liver AB g	Liver RE g/100g	Spleen AB g	Spleen RE g/100g
6101	21.3	7.1	281	93	0.96	0.32	7.99	2.65	0.50	0.17
6102	16.2	5.6	184	64	0.92	0.32	6.96	2.43	0.45	0.16
6103	12.6	4.5	212	77	0.90	0.32	7.45	2.69	0.53	0.19
6104	19.7	7.1	181	65	0.97	0.35	7.47	2.70	0.54	0.19
6105	18.9	6.7	291	103	1.00	0.35	7.91	2.80	0.60	0.21
n	5	5	5	5	5	5	5	5	5	5
Mean	17.7	6.2	230	80	0.95	0.33	7.56	2.65	0.52	0.18
S.D.	3.4	1.1	53	17	0.04	0.02	0.41	0.14	0.06	0.02

Animal No.	Kidney-R AB g	Kidney-R RE g/100g	Kidney-L AB g	Kidney-L RE g/100g	Kidney-RL AB g	Kidney-RL RE g/100g	Adrenal-R AB mg	Adrenal-R RE mg/100g	Adrenal-L AB mg	Adrenal-L RE mg/100g
6101	1.13	0.37	1.11	0.37	2.24	0.74	32	11	36	12
6102	0.95	0.33	0.88	0.31	1.83	0.64	30	10	32	11
6103	0.93	0.34	0.92	0.33	1.85	0.67	27	10	33	12
6104	1.01	0.36	0.97	0.35	1.98	0.71	33	12	35	13
6105	1.07	0.38	1.03	0.37	2.10	0.74	33	12	34	12
n	5	5	5	5	5	5	5	5	5	5
Mean	1.02	0.36	0.98	0.35	2.00	0.70	31	11	34	12
S.D.	0.08	0.02	0.09	0.03	0.17	0.04	3	1	2	1

AB : Absolute weight, RE : Relative weight by body weight

Organ weight
Sex : Female
Stage : End of administration
Dose : 3-methoxybutan-1-ol 1000 mg/kg
Species : Rat

	Adrenal-RL		Ovary-R		Ovary-L		Ovary-RL		Uterus	
	AB	RE	AB	RE	AB	RE	AB	RE	AB	RE
Animal No.	mg	mg/100g	mg	mg/100g	mg	mg/100g	mg	mg/100g	mg	mg/100g
6101	68	23	37.1	12.3	49.4	16.4	86.5	28.6	657	218
6102	62	22	35.9	12.5	33.6	11.7	69.5	24.2	599	209
6103	60	22	43.4	15.7	45.3	16.4	88.7	32.0	477	172
6104	68	25	41.7	15.1	30.0	10.8	71.7	25.9	532	192
6105	67	24	41.7	14.8	34.1	12.1	75.8	26.9	948	336
n	5	5	5	5	5	5	5	5	5	5
Mean	65	23	40.0	14.1	38.5	13.5	78.4	27.5	643	225
S.D.	4	1	3.3	1.6	8.4	2.7	8.7	3.0	184	64

AB : Absolute weight, RE : Relative weight by body weight

Organ weight
Sex : Male
Stage : End of recovery
Dose : 3-methoxybutan-1-ol 0 mg/kg
Species : Rat

	Body weight	Brain		Pituitary		Thyroid-R		Thyroid-L	
		AB	RE	AB	RE	AB	RE	AB	RE
Animal No.	g	g	g/100g	mg	mg/100g	mg	mg/100g	mg	mg/100g
1008	556	1.89	0.34	11.2	2.0	7.1	1.3	5.8	1.0
1009	556	2.10	0.38	12.9	2.3	13.3	2.4	15.7	2.8
1010	594	2.04	0.34	17.4	2.9	10.0	1.7	11.6	2.0
1011	588	2.39	0.41	17.4	3.0	11.2	1.9	12.6	2.1
1012	517	2.19	0.42	12.7	2.5	12.8	2.5	11.5	2.2
n	5	5	5	5	5	5	5	5	5
Mean	562	2.12	0.38	14.3	2.5	10.9	2.0	11.4	2.0
S.D.	31	0.19	0.04	2.9	0.4	2.5	0.5	3.6	0.6

	Thyroid-RL		Thymus		Heart		Liver		Spleen	
	AB	RE	AB	RE	AB	RE	AB	RE	AB	RE
Animal No.	mg	mg/100g	mg	mg/100g	g	g/100g	g	g/100g	g	g/100g
1008	12.9	2.3	424	76	1.51	0.27	13.55	2.44	0.76	0.14
1009	29.0	5.2	300	54	1.50	0.27	13.40	2.41	0.67	0.12
1010	21.6	3.6	303	51	1.78	0.30	16.24	2.73	0.78	0.13
1011	23.8	4.0	430	73	1.51	0.26	13.98	2.38	0.78	0.13
1012	24.3	4.7	164	32	1.47	0.28	11.42	2.21	0.72	0.14
n	5	5	5	5	5	5	5	5	5	5
Mean	22.3	4.0	324	57	1.55	0.28	13.72	2.43	0.74	0.13
S.D.	5.9	1.1	109	18	0.13	0.02	1.72	0.19	0.05	0.01

	Kidney-R		Kidney-L		Kidney-RL		Adrenal-R		Adrenal-L	
	AB	RE	AB	RE	AB	RE	AB	RE	AB	RE
Animal No.	g	g/100g	g	g/100g	g	g/100g	mg	mg/100g	mg	mg/100g
1008	1.45	0.26	1.51	0.27	2.96	0.53	24	4	28	5
1009	1.70	0.31	1.70	0.31	3.40	0.61	26	5	25	4
1010	1.79	0.30	1.72	0.29	3.51	0.59	25	4	27	5
1011	1.85	0.31	1.86	0.32	3.71	0.63	25	4	29	5
1012	1.60	0.31	1.74	0.34	3.34	0.65	26	5	28	5
n	5	5	5	5	5	5	5	5	5	5
Mean	1.68	0.30	1.71	0.31	3.38	0.60	25	4	27	5
S.D.	0.16	0.02	0.13	0.03	0.28	0.05	1	1	2	0

AB : Absolute weight, RE : Relative weight by body weight

Organ weight
Sex : Male
Stage : End of recovery
Dose : 3-methoxybutan-1-ol 0 mg/kg
Species : Rat

	Adrenal-RL		Testis-R		Testis-L		Testis-RL		Epididymis-R	
	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	52	9	1.59	0.29	1.61	0.29	3.20	0.58	723	130
1009	51	9	1.63	0.29	1.65	0.30	3.28	0.59	629	113
1010	52	9	2.01	0.34	2.04	0.34	4.05	0.68	775	130
1011	54	9	1.66	0.28	1.74	0.30	3.40	0.58	782	133
1012	54	10	1.51	0.29	1.48	0.29	2.99	0.58	581	112
n	5	5	5	5	5	5	5	5	5	5
Mean	53	9	1.68	0.30	1.70	0.30	3.38	0.60	698	124
S.D.	1	0	0.19	0.02	0.21	0.02	0.40	0.04	90	10

	Epididymis-L		Epididymis-RL		Prostate		Seminalvesicle	
	AB	RE	AB	RE	AB	RE	AB	RE
Animal No.	mg	mg/100g	mg	mg/100g	g	g/100g	g	g/100g
1008	708	127	1431	257	1.44	0.26	1.75	0.31
1009	621	112	1250	225	1.18	0.21	1.94	0.35
1010	711	120	1486	250	1.24	0.21	1.76	0.30
1011	775	132	1557	265	1.11	0.19	1.55	0.26
1012	516	100	1097	212	1.55	0.30	1.90	0.37
n	5	5	5	5	5	5	5	5
Mean	666	118	1364	242	1.30	0.23	1.78	0.32
S.D.	100	13	188	22	0.18	0.05	0.15	0.04

AB : Absolute weight, RE : Relative weight by body weight

Organ weight
Sex : Male
Stage : End of recovery
Dose : 3-methoxybutan-1-ol 1000 mg/kg
Species : Rat

Animal No.	Body weight g	Brain AB g	Brain RE g/100g	Pituitary AB mg	Pituitary RE mg/100g	Thyroid-R AB mg	Thyroid-R RE mg/100g	Thyroid-L AB mg	Thyroid-L RE mg/100g
4008	529	2.09	0.40	10.6	2.0	13.3	2.5	10.9	2.1
4009	511	2.12	0.41	11.7	2.3	12.0	2.3	12.3	2.4
4010	567	2.13	0.38	15.5	2.7	11.3	2.0	8.0	1.4
4011	551	2.19	0.40	13.9	2.5	17.0	3.1	15.7	2.8
4012	531	2.34	0.44	13.4	2.5	10.4	2.0	11.2	2.1
n	5	5	5	5	5	5	5	5	5
Mean	538	2.17	0.41	13.0	2.4	12.8	2.4	11.6	2.2
S.D.	22	0.10	0.02	1.9	0.3	2.6	0.5	2.8	0.5

Animal No.	Thyroid-RL AB mg	Thyroid-RL RE mg/100g	Thymus AB mg	Thymus RE mg/100g	Heart AB g	Heart RE g/100g	Liver AB g	Liver RE g/100g	Spleen AB g	Spleen RE g/100g
4008	24.2	4.6	212	40	1.55	0.29	12.05	2.28	0.79	0.15
4009	24.3	4.8	255	50	1.30	0.25	11.99	2.35	0.55	0.11
4010	19.3	3.4	287	51	1.76	0.31	13.79	2.43	0.83	0.15
4011	32.7	5.9	210	38	1.87	0.34	14.85	2.70	0.85	0.15
4012	21.6	4.1	353	66	1.49	0.28	11.85	2.23	0.84	0.16
n	5	5	5	5	5	5	5	5	5	5
Mean	24.4	4.6	263	49	1.59	0.29	12.91	2.40	0.77	0.14
S.D.	5.1	0.9	59	11	0.23	0.03	1.35	0.18	0.13	0.02

Animal No.	Kidney-R AB g	Kidney-R RE g/100g	Kidney-L AB g	Kidney-L RE g/100g	Kidney-RL AB g	Kidney-RL RE g/100g	Adrenal-R AB mg	Adrenal-R RE mg/100g	Adrenal-L AB mg	Adrenal-L RE mg/100g
4008	1.61	0.30	1.80	0.34	3.41	0.64	24	5	26	5
4009	1.54	0.30	1.50	0.29	3.04	0.59	23	5	28	5
4010	1.76	0.31	2.07	0.37	3.83	0.68	32	6	40	7
4011	1.95	0.35	2.16	0.39	4.11	0.75	23	4	31	6
4012	1.57	0.30	1.57	0.30	3.14	0.59	27	5	29	5
n	5	5	5	5	5	5	5	5	5	5
Mean	1.69	0.31	1.82	0.34	3.51	0.65	26	5	31	6
S.D.	0.17	0.02	0.29	0.04	0.46	0.07	4	1	5	1

AB : Absolute weight, RE : Relative weight by body weight

Organ weight
Sex : Male

Stage : End of recovery
Dose : 3-methoxybutan-1-ol 1000 mg/kg

Species : Rat

	Adrenal-RL		Testis-R		Testis-L		Testis-RL		Epididymis-R	
	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	50	9	1.51	0.29	1.51	0.29	3.02	0.57	650	123
4009	51	10	1.44	0.28	1.44	0.28	2.88	0.56	606	119
4010	72	13	1.75	0.31	1.74	0.31	3.49	0.62	722	127
4011	54	10	1.62	0.29	1.62	0.29	3.24	0.59	680	123
4012	56	11	1.88	0.35	1.80	0.34	3.68	0.69	811	153
n	5	5	5	5	5	5	5	5	5	5
Mean	57	11	1.64	0.30	1.62	0.30	3.26	0.61	694	129
S.D.	9	2	0.18	0.03	0.15	0.02	0.33	0.05	78	14

	Epididymis-L		Epididymis-RL		Prostate		Seminalvesicle	
	AB	RE	AB	RE	AB	RE	AB	RE
Animal No.	mg	mg/100g	mg	mg/100g	g	g/100g	g	g/100g
4008	618	117	1268	240	1.01	0.19	2.07	0.39
4009	586	115	1192	233	1.28	0.25	1.92	0.38
4010	723	128	1445	255	1.00	0.18	2.02	0.36
4011	696	126	1376	250	1.16	0.21	1.51	0.27
4012	743	140	1554	293	1.37	0.26	2.74	0.52
n	5	5	5	5	5	5	5	5
Mean	673	125	1367	254	1.16	0.22	2.05	0.38
S.D.	68	10	143	23	0.16	0.04	0.44	0.09

AB : Absolute weight, RE : Relative weight by body weight

Organ weight
Sex : Female
Stage : End of recovery
Dose : 3-methoxybutan-1-ol 0 mg/kg
Species : Rat

Animal No.	Body weight g	Brain AB g	Brain RE g/100g	Pituitary AB mg	Pituitary RE mg/100g	Thyroid-R AB mg	Thyroid-R RE mg/100g	Thyroid-L AB mg	Thyroid-L RE mg/100g
5106	308	2.00	0.65	13.8	4.5	11.8	3.8	11.1	3.6
5107	322	2.12	0.66	15.7	4.9	8.9	2.8	8.0	2.5
5108	296	2.00	0.68	15.1	5.1	11.5	3.9	9.7	3.3
5109	300	1.93	0.64	18.8	6.3	10.7	3.6	9.7	3.2
5110	328	1.97	0.60	15.7	4.8	8.6	2.6	8.4	2.6
n	5	5	5	5	5	5	5	5	5
Mean	311	2.00	0.65	15.8	5.1	10.3	3.3	9.4	3.0
S.D.	14	0.07	0.03	1.8	0.7	1.5	0.6	1.2	0.5

Animal No.	Thyroid-RL AB mg	Thyroid-RL RE mg/100g	Thymus AB mg	Thymus RE mg/100g	Heart AB g	Heart RE g/100g	Liver AB g	Liver RE g/100g	Spleen AB g	Spleen RE g/100g
5106	22.9	7.4	221	72	0.97	0.31	6.80	2.21	0.45	0.15
5107	16.9	5.2	286	89	1.03	0.32	7.18	2.23	0.54	0.17
5108	21.2	7.2	217	73	0.92	0.31	6.71	2.27	0.44	0.15
5109	20.4	6.8	232	77	0.98	0.33	7.41	2.47	0.55	0.18
5110	17.0	5.2	233	71	1.10	0.34	8.07	2.46	0.60	0.18
n	5	5	5	5	5	5	5	5	5	5
Mean	19.7	6.4	238	76	1.00	0.32	7.23	2.33	0.52	0.17
S.D.	2.7	1.1	28	7	0.07	0.01	0.55	0.13	0.07	0.02

Animal No.	Kidney-R AB g	Kidney-R RE g/100g	Kidney-L AB g	Kidney-L RE g/100g	Kidney-RL AB g	Kidney-RL RE g/100g	Adrenal-R AB mg	Adrenal-R RE mg/100g	Adrenal-L AB mg	Adrenal-L RE mg/100g
5106	1.07	0.35	1.05	0.34	2.12	0.69	28	9	24	8
5107	0.93	0.29	1.01	0.31	1.94	0.60	36	11	42	13
5108	0.84	0.28	0.88	0.30	1.72	0.58	29	10	33	11
5109	0.84	0.28	0.86	0.29	1.70	0.57	31	10	32	11
5110	1.23	0.38	1.26	0.38	2.49	0.76	45	14	45	14
n	5	5	5	5	5	5	5	5	5	5
Mean	0.98	0.32	1.01	0.32	1.99	0.64	34	11	35	11
S.D.	0.17	0.05	0.16	0.04	0.33	0.08	7	2	8	2

AB : Absolute weight, RE : Relative weight by body weight

Organ weight
Sex : Female
Stage : End of recovery
Dose : 3-methoxybutan-1-ol 0 mg/kg
Species : Rat

	Adrenal-RL		Ovary-R		Ovary-L		Ovary-RL		Uterus	
	AB	RE	AB	RE	AB	RE	AB	RE	AB	RE
Animal No.	mg	mg/100g	mg	mg/100g	mg	mg/100g	mg	mg/100g	mg	mg/100g
5106	52	17	49.4	16.0	32.6	10.6	82.0	26.6	773	251
5107	78	24	47.9	14.9	54.3	16.9	102.2	31.7	699	217
5108	62	21	32.0	10.8	37.7	12.7	69.7	23.5	787	266
5109	63	21	41.4	13.8	37.9	12.6	79.3	26.4	666	222
5110	90	27	59.2	18.0	44.8	13.7	104.0	31.7	1007	307
n	5	5	5	5	5	5	5	5	5	5
Mean	69	22	46.0	14.7	41.5	13.3	87.4	28.0	786	253
S.D.	15	4	10.1	2.7	8.4	2.3	15.0	3.6	133	37

AB : Absolute weight, RE : Relative weight by body weight

Organ weight
Sex : Female
Stage : End of recovery
Dose : 3-methoxybutan-1-ol 1000 mg/kg
Species : Rat

	Body weight	Brain		Pituitary		Thyroid-R		Thyroid-L	
		AB	RE	AB	RE	AB	RE	AB	RE
Animal No.	g	g	g/100g	mg	mg/100g	mg	mg/100g	mg	mg/100g
6106	292	2.05	0.70	18.6	6.4	10.5	3.6	5.5	1.9
6107	286	1.97	0.69	14.2	5.0	9.4	3.3	8.6	3.0
6108	302	1.98	0.66	20.4	6.8	13.1	4.3	11.9	3.9
6109	301	2.05	0.68	14.6	4.9	9.1	3.0	9.8	3.3
6110	313	2.06	0.66	15.5	5.0	10.0	3.2	12.2	3.9
n	5	5	5	5	5	5	5	5	5
Mean	299	2.02	0.68	16.7	5.6	10.4	3.5	9.6	3.2
S.D.	10	0.04	0.02	2.7	0.9	1.6	0.5	2.7	0.8

	Thyroid-RL		Thymus		Heart		Liver		Spleen	
	AB	RE	AB	RE	AB	RE	AB	RE	AB	RE
Animal No.	mg	mg/100g	mg	mg/100g	g	g/100g	g	g/100g	g	g/100g
6106	16.0	5.5	279	96	0.96	0.33	7.19	2.46	0.49	0.17
6107	18.0	6.3	260	91	0.95	0.33	6.50	2.27	0.44	0.15
6108	25.0	8.3	358	119	1.16	0.38	7.38	2.44	0.58	0.19
6109	18.9	6.3	320	106	1.01	0.34	6.54	2.17	0.45	0.15
6110	22.2	7.1	349	112	0.93	0.30	7.21	2.30	0.49	0.16
n	5	5	5	5	5	5	5	5	5	5
Mean	20.0	6.7	313	105	1.00	0.34	6.96	2.33	0.49	0.16
S.D.	3.6	1.1	43	11	0.09	0.03	0.41	0.12	0.06	0.02

	Kidney-R		Kidney-L		Kidney-RL		Adrenal-R		Adrenal-L	
	AB	RE	AB	RE	AB	RE	AB	RE	AB	RE
Animal No.	g	g/100g	g	g/100g	g	g/100g	mg	mg/100g	mg	mg/100g
6106	0.96	0.33	1.01	0.35	1.97	0.67	32	11	37	13
6107	0.95	0.33	0.88	0.31	1.83	0.64	34	12	31	11
6108	1.00	0.33	0.95	0.31	1.95	0.65	34	11	35	12
6109	0.98	0.33	0.94	0.31	1.92	0.64	29	10	27	9
6110	1.07	0.34	1.04	0.33	2.11	0.67	29	9	32	10
n	5	5	5	5	5	5	5	5	5	5
Mean	0.99	0.33	0.96	0.32	1.96	0.65	32	11	32	11
S.D.	0.05	0.00	0.06	0.02	0.10	0.02	3	1	4	2

AB : Absolute weight, RE : Relative weight by body weight

Organ weight
Sex : Female
Stage : End of recovery
Dose : 3-methoxybutan-1-ol 1000 mg/kg
Species : Rat

	Adrenal-RL		Ovary-R		Ovary-L		Ovary-RL		Uterus	
	AB	RE	AB	RE	AB	RE	AB	RE	AB	RE
Animal No.	mg	mg/100g	mg	mg/100g	mg	mg/100g	mg	mg/100g	mg	mg/100g
6106	69	24	48.5	16.6	45.2	15.5	93.7	32.1	548	188
6107	65	23	46.1	16.1	40.1	14.0	86.2	30.1	922	322
6108	69	23	53.3	17.6	47.6	15.8	100.9	33.4	699	231
6109	56	19	35.8	11.9	44.4	14.8	80.2	26.6	562	187
6110	61	19	36.7	11.7	35.0	11.2	71.7	22.9	501	160
n	5	5	5	5	5	5	5	5	5	5
Mean	64	22	44.1	14.8	42.5	14.3	86.5	29.0	646	218
S.D.	6	2	7.6	2.8	5.0	1.8	11.4	4.3	171	64

AB : Absolute weight, RE : Relative weight by body weight

Organ weight
Sex : Female
Stage : Undelivered
Dose : 3-methoxybutan-1-ol 100 mg/kg
Species : Rat

	Body weight	Brain		Pituitary		Thyroid-R		Thyroid-L	
		AB	RE	AB	RE	AB	RE	AB	RE
Animal No.	g	g	g/100g	mg	mg/100g	mg	mg/100g	mg	mg/100g
2108	385	1.93	0.50	18.3	4.8	15.8	4.1	14.4	3.7
n	1	1	1	1	1	1	1	1	1
Mean	385	1.93	0.50	18.3	4.8	15.8	4.1	14.4	3.7
S.D.									

	Thyroid-RL		Thymus		Heart		Liver		Spleen	
	AB	RE	AB	RE	AB	RE	AB	RE	AB	RE
Animal No.	mg	mg/100g	mg	mg/100g	g	g/100g	g	g/100g	g	g/100g
2108	30.2	7.8	397	103	1.05	0.27	11.28	2.93	0.59	0.15
n	1	1	1	1	1	1	1	1	1	1
Mean	30.2	7.8	397	103	1.05	0.27	11.28	2.93	0.59	0.15
S.D.										

	Kidney-R		Kidney-L		Kidney-RL		Adrenal-R		Adrenal-L	
	AB	RE	AB	RE	AB	RE	AB	RE	AB	RE
Animal No.	g	g/100g	g	g/100g	g	g/100g	mg	mg/100g	mg	mg/100g
2108	1.03	0.27	1.07	0.28	2.10	0.55	31	8	35	9
n	1	1	1	1	1	1	1	1	1	1
Mean	1.03	0.27	1.07	0.28	2.10	0.55	31	8	35	9
S.D.										

	Adrenal-RL		Ovary-R		Ovary-L		Ovary-RL		Uterus	
	AB	RE	AB	RE	AB	RE	AB	RE	AB	RE
Animal No.	mg	mg/100g	mg	mg/100g	mg	mg/100g	mg	mg/100g	mg	mg/100g
2108	66	17	44.0	11.4	53.9	14.0	97.9	25.4	533	138
n	1	1	1	1	1	1	1	1	1	1
Mean	66	17	44.0	11.4	53.9	14.0	97.9	25.4	533	138
S.D.										

AB : Absolute weight, RE : Relative weight by body weight

Appendix 9-1(1/1) 3-methoxybutan-1-ol: 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 administration

Gross pathology:

Stomach	Focus,dark red,glandular stomach: 1 present 1x1mm
Other tissues	Not remarkable

Histopathology:

Prostate	Cell infiltration: minimal, lymphocytic ventral
Stomach	Erosion/Ulcer,glandular stomach: minimal

Following tissues : Not remarkable

Adrenal, Bone+Bone marrow,femoral, Cerebellum(pons), Cerebrum, Epididymis, Eye
Heart, Intestine,duodenum, Intestine,jejunum, Intestine,ileum(Peyer's patch)
Intestine,cecum, Intestine,colon, Intestine,rectum, Kidney
Lymph node,mesenteric, Lymph node,submandibular, Liver, Lung(bronchus)
Mammary gland,inguinal, Optic nerve, Parathyroid, Pancreas, Pituitary
Salivary gland,submandibular, Salivary gland,sublingual, Skin,inguinal
Sciatic nerve, Spleen, Skeletal muscle,femoral, Seminal vesicle(Coagulating gland)
Spinal cord,thoracic, Testis, Thymus, Trachea, Thyroid, Urinary bladder

Appendix 9-2(1/1) 3-methoxybutan-1-ol: 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 administration

Gross pathology:

All tissues	Not remarkable

Histopathology:

Prostate	Cell infiltration: minimal, inflammatory dorsolateral

Following tissues : Not remarkable

Adrenal, Bone+Bone marrow,femoral, Cerebellum(pons), Cerebrum, Epididymis, Eye
Heart, Intestine,duodenum, Intestine,jejunum, Intestine,ileum(Peyer's patch)
Intestine,cecum, Intestine,colon, Intestine,rectum, Kidney
Lymph node,mesenteric, Lymph node,submandibular, Liver, Lung(bronchus)
Mammary gland,inguinal, Optic nerve, Parathyroid, Pancreas, Pituitary
Salivary gland,submandibular, Salivary gland,sublingual, Skin,inguinal
Sciatic nerve, Spleen, Stomach, Skeletal muscle,femoral
Seminal vesicle(Coagulating gland), Spinal cord,thoracic, Testis, Thymus, Trachea
Thyroid, Urinary bladder

Appendix 9-3(1/1) 3-methoxybutan-1-ol: 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 administration

Gross pathology:

All tissues	Not remarkable

Histopathology:

Liver	Microgranuloma: minimal

Following tissues : Not remarkable

Adrenal, Bone+Bone marrow,femoral, Cerebellum(pons), Cerebrum, Epididymis, Eye
Heart, Intestine,duodenum, Intestine,jejunum, Intestine,ileum(Peyer's patch)
Intestine,cecum, Intestine,colon, Intestine,rectum, Kidney
Lymph node,mesenteric, Lymph node,submandibular, Lung(bronchus)
Mammary gland,inguinal, Optic nerve, Parathyroid, Pancreas, Pituitary, Prostate
Salivary gland,submandibular, Salivary gland,sublingual, Skin,inguinal
Sciatic nerve, Spleen, Stomach, Skeletal muscle,femoral
Seminal vesicle(Coagulating gland), Spinal cord,thoracic, Testis, Thymus, Trachea
Thyroid, Urinary bladder

Appendix 9-4(1/1) 3-methoxybutan-1-ol: 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 administration

Gross pathology:

All tissues	Not remarkable

Histopathology:

Heart	Cell infiltration,focal: minimal, mononuclear
Liver	Microgranuloma: minimal
Prostate	Cell infiltration: minimal, lymphocytic ventral

Following tissues : Not remarkable

Adrenal, Bone+Bone marrow,femoral, Cerebellum(pons), Cerebrum, Epididymis, Eye
Intestine,duodenum, Intestine,jejunum, Intestine,ileum(Peyer's patch)
Intestine,cecum, Intestine,colon, Intestine,rectum, Kidney
Lymph node,mesenteric, Lymph node,submandibular, Lung(bronchus)
Mammary gland,inguinal, Optic nerve, Parathyroid, Pancreas, Pituitary
Salivary gland,submandibular, Salivary gland,sublingual, Skin,inguinal
Sciatic nerve, Spleen, Stomach, Skeletal muscle,femoral
Seminal vesicle(Coagulating gland), Spinal cord,thoracic, Testis, Thymus, Trachea
Thyroid, Urinary bladder

Appendix 9-5(1/1) 3-methoxybutan-1-ol: 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 administration

Gross pathology:

All tissues	Not remarkable

Histopathology:

Liver	Microgranuloma: minimal
Prostate	Cell infiltration: minimal, lymphocytic ventral

Following tissues : Not remarkable

Adrenal, Bone+Bone marrow,femoral, Cerebellum(pons), Cerebrum, Epididymis, Eye
Heart, Intestine,duodenum, Intestine,jejunum, Intestine,ileum(Peyer's patch)
Intestine,cecum, Intestine,colon, Intestine,rectum, Kidney
Lymph node,mesenteric, Lymph node,submandibular, Lung(bronchus)
Mammary gland,inguinal, Optic nerve, Parathyroid, Pancreas, Pituitary
Salivary gland,submandibular, Salivary gland,sublingual, Skin,inguinal
Sciatic nerve, Spleen, Stomach, Skeletal muscle,femoral
Seminal vesicle(Coagulating gland), Spinal cord,thoracic, Testis, Thymus, Trachea
Thyroid, Urinary bladder

Appendix 9-6(1/1) 3-methoxybutan-1-ol: 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 administration

Gross pathology:

All tissues Not remarkable

Histopathology:

No tissues examined

Appendix 9-7(1/1) 3-methoxybutan-1-ol: 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 administration

Gross pathology:

All tissues Not remarkable

Histopathology:

No tissues examined

Appendix 9-8(1/1) 3-methoxybutan-1-ol: 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

Gross pathology:

All tissues	Not remarkable

Histopathology:

Liver	Microgranuloma: minimal

Following tissues : Not remarkable

Adrenal, Bone+Bone marrow,femoral, Cerebellum(pons), Cerebrum, Epididymis, Eye
Heart, Intestine,duodenum, Intestine,jejunum, Intestine,ileum(Peyer's patch)
Intestine,cecum, Intestine,colon, Intestine,rectum, Kidney
Lymph node,mesenteric, Lymph node,submandibular, Lung(bronchus)
Mammary gland,inguinal, Optic nerve, Parathyroid, Pancreas, Pituitary, Prostate
Salivary gland,submandibular, Salivary gland,sublingual, Skin,inguinal
Sciatic nerve, Spleen, Stomach, Skeletal muscle,femoral
Seminal vesicle(Coagulating gland), Spinal cord,thoracic, Testis, Thymus, Trachea
Thyroid, Urinary bladder

Appendix 9-9(1/1) 3-methoxybutan-1-ol: 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

Gross pathology:

All tissues	Not remarkable

Histopathology:

Liver	Microgranuloma: minimal
Parathyroid	No sample
Pancreas	Fibrosis,islet: minimal
Prostate	Cell infiltration: minimal, lymphocytic ventral

Following tissues : Not remarkable

Adrenal, Bone+Bone marrow,femoral, Cerebellum(pons), Cerebrum, Epididymis, Eye
Heart, Intestine,duodenum, Intestine,jejunum, Intestine,ileum(Peyer's patch)
Intestine,cecum, Intestine,colon, Intestine,rectum, Kidney
Lymph node,mesenteric, Lymph node,submandibular, Lung(bronchus)
Mammary gland,inguinal, Optic nerve, Pituitary, Salivary gland,submandibular
Salivary gland,sublingual, Skin,inguinal, Sciatic nerve, Spleen, Stomach
Skeletal muscle,femoral, Seminal vesicle(Coagulating gland), Spinal cord,thoracic
Testis, Thymus, Trachea, Thyroid, Urinary bladder

Appendix 9-10(1/1) 3-methoxybutan-1-ol: 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

Gross pathology:

All tissues	Not remarkable

Histopathology:

Heart	Cell infiltration,focal: minimal, mononuclear
Liver	Microgranuloma: minimal
Prostate	Cell infiltration: minimal, lymphocytic ventral

Following tissues : Not remarkable

Adrenal, Bone+Bone marrow,femoral, Cerebellum(pons), Cerebrum, Epididymis, Eye
Intestine,duodenum, Intestine,jejunum, Intestine,ileum(Peyer's patch)
Intestine,cecum, Intestine,colon, Intestine,rectum, Kidney
Lymph node,mesenteric, Lymph node,submandibular, Lung(bronchus)
Mammary gland,inguinal, Optic nerve, Parathyroid, Pancreas, Pituitary
Salivary gland,submandibular, Salivary gland,sublingual, Skin,inguinal
Sciatic nerve, Spleen, Stomach, Skeletal muscle,femoral
Seminal vesicle(Coagulating gland), Spinal cord,thoracic, Testis, Thymus, Trachea
Thyroid, Urinary bladder

Appendix 9-11(1/1) 3-methoxybutan-1-ol: 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

Gross pathology:

All tissues	Not remarkable

Histopathology:

Liver	Microgranuloma: minimal
Prostate	Cell infiltration: mild, lymphocytic ventral

Following tissues : Not remarkable

Adrenal, Bone+Bone marrow,femoral, Cerebellum(pons), Cerebrum, Epididymis, Eye
Heart, Intestine,duodenum, Intestine,jejunum, Intestine,ileum(Peyer's patch)
Intestine,cecum, Intestine,colon, Intestine,rectum, Kidney
Lymph node,mesenteric, Lymph node,submandibular, Lung(bronchus)
Mammary gland,inguinal, Optic nerve, Parathyroid, Pancreas, Pituitary
Salivary gland,submandibular, Salivary gland,sublingual, Skin,inguinal
Sciatic nerve, Spleen, Stomach, Skeletal muscle,femoral
Seminal vesicle(Coagulating gland), Spinal cord,thoracic, Testis, Thymus, Trachea
Thyroid, Urinary bladder

Appendix 9-12(1/1) 3-methoxybutan-1-ol: 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

Gross pathology:

Stomach	Focus,dark red,glandular stomach: 2 present each 1x1mm
Other tissues	Not remarkable

Histopathology:

Liver	Microgranuloma: minimal
Stomach	Erosion/Ulcer,glandular stomach: minimal

Following tissues : Not remarkable

Adrenal, Bone+Bone marrow,femoral, Cerebellum(pons), Cerebrum, Epididymis, Eye
Heart, Intestine,duodenum, Intestine,jejunum, Intestine,ileum(Peyer's patch)
Intestine,cecum, Intestine,colon, Intestine,rectum, Kidney
Lymph node,mesenteric, Lymph node,submandibular, Lung(bronchus)
Mammary gland,inguinal, Optic nerve, Parathyroid, Pancreas, Pituitary, Prostate
Salivary gland,submandibular, Salivary gland,sublingual, Skin,inguinal
Sciatic nerve, Spleen, Skeletal muscle,femoral, Seminal vesicle(Coagulating gland)
Spinal cord,thoracic, Testis, Thymus, Trachea, Thyroid, Urinary bladder

Appendix 9-13(1/1) 3-methoxybutan-1-ol: 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 administration

Gross pathology:

Stomach	Focus,dark red,glandular stomach: 1 present 1x1mm
Other tissues	Not remarkable

Histopathology:

No tissues examined

Appendix 9-14(1/1) 3-methoxybutan-1-ol: 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 administration

Gross pathology:

All tissues Not remarkable

Histopathology:

No tissues examined

Appendix 9-15(1/1) 3-methoxybutan-1-ol: 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 administration

Gross pathology:

All tissues Not remarkable

Histopathology:

No tissues examined

Appendix 9-16(1/1) 3-methoxybutan-1-ol: 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 administration

Gross pathology:

All tissues Not remarkable

Histopathology:

No tissues examined

Appendix 9-17(1/1) 3-methoxybutan-1-ol: 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 administration

Gross pathology:

All tissues Not remarkable

Histopathology:

No tissues examined

Appendix 9-18(1/1) 3-methoxybutan-1-ol: 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 administration

Gross pathology:

All tissues Not remarkable

Histopathology:

No tissues examined

Appendix 9-19(1/1) 3-methoxybutan-1-ol: 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 administration

Gross pathology:

All tissues Not remarkable

Histopathology:

No tissues examined

Appendix 9-20(1/1) 3-methoxybutan-1-ol: 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 administration

Gross pathology:

All tissues	Not remarkable

Histopathology:

Heart	Cell infiltration,focal: minimal, mononuclear
Kidney	Basophilia,tubular: minimal

Following tissues : Not remarkable

Adrenal, Bone+Bone marrow,femoral, Cerebellum(pons), Cerebrum, Epididymis, Eye
Intestine,duodenum, Intestine,jejunum, Intestine,ileum(Peyer's patch)
Intestine,cecum, Intestine,colon, Intestine,rectum, Lymph node,mesenteric
Lymph node,submandibular, Liver, Lung(bronchus), Mammary gland,inguinal
Optic nerve, Parathyroid, Pancreas, Pituitary, Prostate
Salivary gland,submandibular, Salivary gland,sublingual, Skin,inguinal
Sciatic nerve, Spleen, Stomach, Skeletal muscle,femoral
Seminal vesicle(Coagulating gland), Spinal cord,thoracic, Testis, Thymus, Trachea
Thyroid, Urinary bladder

Appendix 9-21(1/1) 3-methoxybutan-1-ol: 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 administration

Gross pathology:

All tissues Not remarkable

Histopathology:

No tissues examined

Appendix 9-22(1/1) 3-methoxybutan-1-ol: 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 administration

Gross pathology:

All tissues Not remarkable

Histopathology:

No tissues examined

Appendix 9-23(1/1) 3-methoxybutan-1-ol: 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 administration

Gross pathology:

All tissues Not remarkable

Histopathology:

No tissues examined

Appendix 9-24(1/1) 3-methoxybutan-1-ol: 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 administration

Gross pathology:

All tissues Not remarkable

Histopathology:

No tissues examined

Appendix 9-25(1/1) 3-methoxybutan-1-ol: 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 administration

Gross pathology:

All tissues Not remarkable

Histopathology:

No tissues examined

Appendix 9-26(1/1) 3-methoxybutan-1-ol: 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 administration

Gross pathology:

Kidney	Cyst: 1 present, right 2x2x1mm
Other tissues	Not remarkable

Histopathology:

No tissues examined

Appendix 9-27(1/1) 3-methoxybutan-1-ol: 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 administration

Gross pathology:

All tissues	Not remarkable

Histopathology:

No tissues examined

Appendix 9-28(1/1) 3-methoxybutan-1-ol: 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 administration

Gross pathology:

All tissues Not remarkable

Histopathology:

No tissues examined

Appendix 9-29(1/1) 3-methoxybutan-1-ol: 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 administration

Gross pathology:

All tissues Not remarkable

Histopathology:

No tissues examined

Appendix 9-30(1/1) 3-methoxybutan-1-ol: 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 administration

Gross pathology:

All tissues Not remarkable

Histopathology:

No tissues examined

Appendix 9-31(1/1) 3-methoxybutan-1-ol: 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 administration

Gross pathology:

Stomach	Focus,dark red,glandular stomach: 1 present 1x1mm
Other tissues	Not remarkable

Histopathology:

No tissues examined

Appendix 9-32(1/1) 3-methoxybutan-1-ol: 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 administration

Gross pathology:

All tissues	Not remarkable

Histopathology:

No tissues examined

Appendix 9-33(1/1) 3-methoxybutan-1-ol: 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 administration

Gross pathology:

All tissues Not remarkable

Histopathology:

No tissues examined

Appendix 9-34(1/1) 3-methoxybutan-1-ol: 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 administration

Gross pathology:

All tissues Not remarkable

Histopathology:

No tissues examined

Appendix 9-35(1/1) 3-methoxybutan-1-ol: 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 administration

Gross pathology:

All tissues	Not remarkable

Histopathology:

No tissues examined

Appendix 9-36(1/1) 3-methoxybutan-1-ol: 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 administration

Gross pathology:

All tissues	Not remarkable

Histopathology:

No tissues examined

Appendix 9-37(1/1) 3-methoxybutan-1-ol: 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 administration

Gross pathology:

All tissues	Not remarkable

Histopathology:

Liver	Microgranuloma: minimal
Lung(bronchus)	Aggregation,alveolar macrophage: minimal
Prostate	Cell infiltration: minimal, lymphocytic ventral

Following tissues : Not remarkable

Adrenal, Bone+Bone marrow,femoral, Cerebellum(pons), Cerebrum, Epididymis, Eye
Heart, Intestine,duodenum, Intestine,jejunum, Intestine,ileum(Peyer's patch)
Intestine,cecum, Intestine,colon, Intestine,rectum, Kidney
Lymph node,mesenteric, Lymph node,submandibular, Mammary gland,inguinal
Optic nerve, Parathyroid, Pancreas, Pituitary, Salivary gland,submandibular
Salivary gland,sublingual, Skin,inguinal, Sciatic nerve, Spleen, Stomach
Skeletal muscle,femoral, Seminal vesicle(Coagulating gland), Spinal cord,thoracic
Testis, Thymus, Trachea, Thyroid, Urinary bladder

Appendix 9-38(1/1) 3-methoxybutan-1-ol: 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 administration

Gross pathology:

Stomach	Focus,dark red,glandular stomach: 4 present 1x1mm,1x1mm,1x1mm,1x2mm
Other tissues	Not remarkable

Histopathology:

Prostate	Cell infiltration: minimal, lymphocytic ventral
Stomach	Erosion/Ulcer,glandular stomach: minimal

Following tissues : Not remarkable

Adrenal, Bone+Bone marrow,femoral, Cerebellum(pons), Cerebrum, Epididymis, Eye
Heart, Intestine,duodenum, Intestine,jejunum, Intestine,ileum(Peyer's patch)
Intestine,cecum, Intestine,colon, Intestine,rectum, Kidney
Lymph node,mesenteric, Lymph node,submandibular, Liver, Lung(bronchus)
Mammary gland,inguinal, Optic nerve, Parathyroid, Pancreas, Pituitary
Salivary gland,submandibular, Salivary gland,sublingual, Skin,inguinal
Sciatic nerve, Spleen, Skeletal muscle,femoral, Seminal vesicle(Coagulating gland)
Spinal cord,thoracic, Testis, Thymus, Trachea, Thyroid, Urinary bladder

Appendix 9-39(1/1) 3-methoxybutan-1-ol: 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 administration

Gross pathology:

All tissues	Not remarkable

Histopathology:

Parathyroid	No sample
Pancreas	Atrophy,acinar,focal: mild
Prostate	Cell infiltration: minimal, lymphocytic ventral

Following tissues : Not remarkable

Adrenal, Bone+Bone marrow,femoral, Cerebellum(pons), Cerebrum, Epididymis, Eye
Heart, Intestine,duodenum, Intestine,jejunum, Intestine,ileum(Peyer's patch)
Intestine,cecum, Intestine,colon, Intestine,rectum, Kidney
Lymph node,mesenteric, Lymph node,submandibular, Liver, Lung(bronchus)
Mammary gland,inguinal, Optic nerve, Pituitary, Salivary gland,submandibular
Salivary gland,sublingual, Skin,inguinal, Sciatic nerve, Spleen, Stomach
Skeletal muscle,femoral, Seminal vesicle(Coagulating gland), Spinal cord,thoracic
Testis, Thymus, Trachea, Thyroid, Urinary bladder

Appendix 9-40(1/1) 3-methoxybutan-1-ol: 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 administration

Gross pathology:

All tissues	Not remarkable

Histopathology:

Liver	Microgranuloma: minimal

Following tissues : Not remarkable

Adrenal, Bone+Bone marrow,femoral, Cerebellum(pons), Cerebrum, Epididymis, Eye
Heart, Intestine,duodenum, Intestine,jejunum, Intestine,ileum(Peyer's patch)
Intestine,cecum, Intestine,colon, Intestine,rectum, Kidney
Lymph node,mesenteric, Lymph node,submandibular, Lung(bronchus)
Mammary gland,inguinal, Optic nerve, Parathyroid, Pancreas, Pituitary, Prostate
Salivary gland,submandibular, Salivary gland,sublingual, Skin,inguinal
Sciatic nerve, Spleen, Stomach, Skeletal muscle,femoral
Seminal vesicle(Coagulating gland), Spinal cord,thoracic, Testis, Thymus, Trachea
Thyroid, Urinary bladder

Appendix 9-41(1/1) 3-methoxybutan-1-ol: 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 administration

Gross pathology:

All tissues	Not remarkable

Histopathology:

Kidney	Basophilia,tubular: minimal
Pituitary	Cyst,pars distalis: minimal
Prostate	Cell infiltration: minimal, lymphocytic dorsolateral

Following tissues : Not remarkable

Adrenal, Bone+Bone marrow,femoral, Cerebellum(pons), Cerebrum, Epididymis, Eye
Heart, Intestine,duodenum, Intestine,jejunum, Intestine,ileum(Peyer's patch)
Intestine,cecum, Intestine,colon, Intestine,rectum, Lymph node,mesenteric
Lymph node,submandibular, Liver, Lung(bronchus), Mammary gland,inguinal
Optic nerve, Parathyroid, Pancreas, Salivary gland,submandibular
Salivary gland,sublingual, Skin,inguinal, Sciatic nerve, Spleen, Stomach
Skeletal muscle,femoral, Seminal vesicle(Coagulating gland), Spinal cord,thoracic
Testis, Thymus, Trachea, Thyroid, Urinary bladder

Appendix 9-42(1/1) 3-methoxybutan-1-ol: 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 administration

Gross pathology:

Stomach	Focus,dark red,glandular stomach: 2 present 1x1mm,1x2mm
Other tissues	Not remarkable

Histopathology:

No tissues examined

Appendix 9-43(1/1) 3-methoxybutan-1-ol: 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 administration

Gross pathology:

All tissues Not remarkable

Histopathology:

No tissues examined

Appendix 9-44(1/1) 3-methoxybutan-1-ol: 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

Gross pathology:

All tissues	Not remarkable

Histopathology:

Liver	Microgranuloma: minimal
Prostate	Cell infiltration: mild, lymphocytic ventral

Following tissues : Not remarkable

Adrenal, Bone+Bone marrow,femoral, Cerebellum(pons), Cerebrum, Epididymis, Eye
Heart, Intestine,duodenum, Intestine,jejunum, Intestine,ileum(Peyer's patch)
Intestine,cecum, Intestine,colon, Intestine,rectum, Kidney
Lymph node,mesenteric, Lymph node,submandibular, Lung(bronchus)
Mammary gland,inguinal, Optic nerve, Parathyroid, Pancreas, Pituitary
Salivary gland,submandibular, Salivary gland,sublingual, Skin,inguinal
Sciatic nerve, Spleen, Stomach, Skeletal muscle,femoral
Seminal vesicle(Coagulating gland), Spinal cord,thoracic, Testis, Thymus, Trachea
Thyroid, Urinary bladder

Appendix 9-45(1/1) 3-methoxybutan-1-ol: 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

Gross pathology:

Skin,inguinal	Focus,dark red: 1 present, right 50x40mm,subcutaneous
Other tissues	Not remarkable

Histopathology:

Liver	Microgranuloma: minimal
Lung(bronchus)	Aggregation,alveolar macrophage: minimal
Prostate	Cell infiltration: minimal, inflammatory dorsolateral
Skin,inguinal	Hemorrhage,subcutaneous: mild Cell infiltration,subcutaneous: mild, inflammatory

Following tissues : Not remarkable

Adrenal, Bone+Bone marrow,femoral, Cerebellum(pons), Cerebrum, Epididymis, Eye
Heart, Intestine,duodenum, Intestine,jejunum, Intestine,ileum(Peyer's patch)
Intestine,cecum, Intestine,colon, Intestine,rectum, Kidney
Lymph node,mesenteric, Lymph node,submandibular, Mammary gland,inguinal
Optic nerve, Parathyroid, Pancreas, Pituitary, Salivary gland,submandibular
Salivary gland,sublingual, Sciatic nerve, Spleen, Stomach
Skeletal muscle,femoral, Seminal vesicle(Coagulating gland), Spinal cord,thoracic
Testis, Thymus, Trachea, Thyroid, Urinary bladder

Appendix 9-46(1/1) 3-methoxybutan-1-ol: 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

Gross pathology:

Stomach	Focus,dark red,glandular stomach: 3 present 1x1mm,1x1mm,1x3mm
Other tissues	Not remarkable

Histopathology:

Liver	Microgranuloma: minimal
Prostate	Cell infiltration: mild, lymphocytic ventral
Stomach	Erosion/Ulcer,glandular stomach: mild

Following tissues : Not remarkable

Adrenal, Bone+Bone marrow,femoral, Cerebellum(pons), Cerebrum, Epididymis, Eye
Heart, Intestine,duodenum, Intestine,jejunum, Intestine,ileum(Peyer's patch)
Intestine,cecum, Intestine,colon, Intestine,rectum, Kidney
Lymph node,mesenteric, Lymph node,submandibular, Lung(bronchus)
Mammary gland,inguinal, Optic nerve, Parathyroid, Pancreas, Pituitary
Salivary gland,submandibular, Salivary gland,sublingual, Skin,inguinal
Sciatic nerve, Spleen, Skeletal muscle,femoral, Seminal vesicle(Coagulating gland)
Spinal cord,thoracic, Testis, Thymus, Trachea, Thyroid, Urinary bladder

Appendix 9-47(1/1) 3-methoxybutan-1-ol: 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

Gross pathology:

All tissues	Not remarkable

Histopathology:

Liver	Microgranuloma: minimal

Following tissues : Not remarkable

Adrenal, Bone+Bone marrow,femoral, Cerebellum(pons), Cerebrum, Epididymis, Eye
Heart, Intestine,duodenum, Intestine,jejunum, Intestine,ileum(Peyer's patch)
Intestine,cecum, Intestine,colon, Intestine,rectum, Kidney
Lymph node,mesenteric, Lymph node,submandibular, Lung(bronchus)
Mammary gland,inguinal, Optic nerve, Parathyroid, Pancreas, Pituitary, Prostate
Salivary gland,submandibular, Salivary gland,sublingual, Skin,inguinal
Sciatic nerve, Spleen, Stomach, Skeletal muscle,femoral
Seminal vesicle(Coagulating gland), Spinal cord,thoracic, Testis, Thymus, Trachea
Thyroid, Urinary bladder

Appendix 9-48(1/1) 3-methoxybutan-1-ol: 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

Gross pathology:

All tissues Not remarkable

Histopathology:

Liver Microgranuloma: minimal

Following tissues : Not remarkable

Adrenal, Bone+Bone marrow,femoral, Cerebellum(pons), Cerebrum, Epididymis, Eye
Heart, Intestine,duodenum, Intestine,jejunum, Intestine,ileum(Peyer's patch)
Intestine,cecum, Intestine,colon, Intestine,rectum, Kidney
Lymph node,mesenteric, Lymph node,submandibular, Lung(bronchus)
Mammary gland,inguinal, Optic nerve, Parathyroid, Pancreas, Pituitary, Prostate
Salivary gland,submandibular, Salivary gland,sublingual, Skin,inguinal
Sciatic nerve, Spleen, Stomach, Skeletal muscle,femoral
Seminal vesicle(Coagulating gland), Spinal cord,thoracic, Testis, Thymus, Trachea
Thyroid, Urinary bladder

Appendix 9-49(1/1) 3-methoxybutan-1-ol: 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 43 End of administration,Dams

Gross pathology:

All tissues Not remarkable

Histopathology:

Following tissues : Not remarkable

Adrenal, Bone+Bone marrow,femoral, Cerebellum(pons), Cerebrum, Eye, Heart
Intestine,duodenum, Intestine,jejunum, Intestine,ileum(Peyer's patch)
Intestine,cecum, Intestine,colon, Intestine,rectum, Kidney
Lymph node,mesenteric, Lymph node,submandibular, Liver, Lung(bronchus)
Mammary gland,inguinal, Optic nerve, Ovary, Parathyroid, Pancreas, Pituitary
Salivary gland,submandibular, Salivary gland,sublingual, Skin,inguinal
Sciatic nerve, Spleen, Stomach, Skeletal muscle,femoral, Spinal cord,thoracic
Thymus, Trachea, Thyroid, Urinary bladder, Uterus, Vagina

Appendix 9-50(1/1) 3-methoxybutan-1-ol: 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 45 End of administration,Dams

Gross pathology:

All tissues Not remarkable

Histopathology:

No tissues examined

Appendix 9-51(1/1) 3-methoxybutan-1-ol: 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 45 End of administration,Dams

Gross pathology:

All tissues	Not remarkable

Histopathology:

No tissues examined

Appendix 9-52(1/1) 3-methoxybutan-1-ol: 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 42 End of administration,Dams

Gross pathology:

All tissues Not remarkable

Histopathology:

Following tissues : Not remarkable

Adrenal, Bone+Bone marrow,femoral, Cerebellum(pons), Cerebrum, Eye, Heart
Intestine,duodenum, Intestine,jejunum, Intestine,ileum(Peyer's patch)
Intestine,cecum, Intestine,colon, Intestine,rectum, Kidney
Lymph node,mesenteric, Lymph node,submandibular, Liver, Lung(bronchus)
Mammary gland,inguinal, Optic nerve, Ovary, Parathyroid, Pancreas, Pituitary
Salivary gland,submandibular, Salivary gland,sublingual, Skin,inguinal
Sciatic nerve, Spleen, Stomach, Skeletal muscle,femoral, Spinal cord,thoracic
Thymus, Trachea, Thyroid, Urinary bladder, Uterus, Vagina

Appendix 9-53(1/1) 3-methoxybutan-1-ol: 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 43 End of administration,Dams

Gross pathology:

All tissues Not remarkable

Histopathology:

Following tissues : Not remarkable

Adrenal, Bone+Bone marrow,femoral, Cerebellum(pons), Cerebrum, Eye, Heart
Intestine,duodenum, Intestine,jejunum, Intestine,ileum(Peyer's patch)
Intestine,cecum, Intestine,colon, Intestine,rectum, Kidney
Lymph node,mesenteric, Lymph node,submandibular, Liver, Lung(bronchus)
Mammary gland,inguinal, Optic nerve, Ovary, Parathyroid, Pancreas, Pituitary
Salivary gland,submandibular, Salivary gland,sublingual, Skin,inguinal
Sciatic nerve, Spleen, Stomach, Skeletal muscle,femoral, Spinal cord,thoracic
Thymus, Trachea, Thyroid, Urinary bladder, Uterus, Vagina

Appendix 9-54(1/1) 3-methoxybutan-1-ol: 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 43 End of administration,Dams

Gross pathology:

All tissues Not remarkable

Histopathology:

Following tissues : Not remarkable

Adrenal, Bone+Bone marrow,femoral, Cerebellum(pons), Cerebrum, Eye, Heart
Intestine,duodenum, Intestine,jejunum, Intestine,ileum(Peyer's patch)
Intestine,cecum, Intestine,colon, Intestine,rectum, Kidney
Lymph node,mesenteric, Lymph node,submandibular, Liver, Lung(bronchus)
Mammary gland,inguinal, Optic nerve, Ovary, Parathyroid, Pancreas, Pituitary
Salivary gland,submandibular, Salivary gland,sublingual, Skin,inguinal
Sciatic nerve, Spleen, Stomach, Skeletal muscle,femoral, Spinal cord,thoracic
Thymus, Trachea, Thyroid, Urinary bladder, Uterus, Vagina

Appendix 9-55(1/1) 3-methoxybutan-1-ol: 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 44 End of administration,Dams

Gross pathology:

All tissues Not remarkable

Histopathology:

No tissues examined

Appendix 9-56(1/1) 3-methoxybutan-1-ol: 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 45 End of administration,Dams

Gross pathology:

All tissues	Not remarkable

Histopathology:

No tissues examined

Appendix 9-57(1/1) 3-methoxybutan-1-ol: 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 45 End of administration,Dams

Gross pathology:

All tissues	Not remarkable

Histopathology:

No tissues examined

Appendix 9-58(1/1) 3-methoxybutan-1-ol: 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 46 End of administration,Dams

Gross pathology:

All tissues Not remarkable

Histopathology:

No tissues examined

Appendix 9-59(1/1) 3-methoxybutan-1-ol: 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 46 End of administration,Dams

Gross pathology:

All tissues Not remarkable

Histopathology:

No tissues examined

Appendix 9-60(1/1) 3-methoxybutan-1-ol: 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 42 End of administration,Dams

Gross pathology:

All tissues Not remarkable

Histopathology:

Following tissues : Not remarkable

Adrenal, Bone+Bone marrow,femoral, Cerebellum(pons), Cerebrum, Eye, Heart
Intestine,duodenum, Intestine,jejunum, Intestine,ileum(Peyer's patch)
Intestine,cecum, Intestine,colon, Intestine,rectum, Kidney
Lymph node,mesenteric, Lymph node,submandibular, Liver, Lung(bronchus)
Mammary gland,inguinal, Optic nerve, Ovary, Parathyroid, Pancreas, Pituitary
Salivary gland,submandibular, Salivary gland,sublingual, Skin,inguinal
Sciatic nerve, Spleen, Stomach, Skeletal muscle,femoral, Spinal cord,thoracic
Thymus, Trachea, Thyroid, Urinary bladder, Uterus, Vagina

Appendix 9-61(1/1) 3-methoxybutan-1-ol: 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 44 End of administration,Dams

Gross pathology:

All tissues	Not remarkable

Histopathology:

No tissues examined

Appendix 9-62(1/1) 3-methoxybutan-1-ol: 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 45 End of administration,Dams

Gross pathology:

All tissues Not remarkable

Histopathology:

No tissues examined

Appendix 9-63(1/1) 3-methoxybutan-1-ol: 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 44 End of administration,Dams

Gross pathology:

All tissues Not remarkable

Histopathology:

No tissues examined

Appendix 9-64(1/1) 3-methoxybutan-1-ol: 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 44 End of administration,Dams

Gross pathology:

All tissues Not remarkable

Histopathology:

No tissues examined

Appendix 9-65(1/1) 3-methoxybutan-1-ol: 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 43 End of administration,Dams

Gross pathology:

Stomach	Focus,dark red,glandular stomach: 2 present each 1x1mm
Other tissues	Not remarkable

Histopathology:

No tissues examined

Appendix 9-66(1/1) 3-methoxybutan-1-ol: 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 44 End of administration,Dams

Gross pathology:

All tissues Not remarkable

Histopathology:

No tissues examined

Appendix 9-67(1/1) 3-methoxybutan-1-ol: 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 51 End of administration,Dams

Gross pathology:

All tissues Not remarkable

Histopathology:

No tissues examined

Appendix 9-68(1/1) 3-methoxybutan-1-ol: 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 45 Undelivered

Gross pathology:

All tissues Not remarkable

Histopathology:

Following tissues : Not remarkable

Adrenal, Bone+Bone marrow,femoral, Cerebellum(pons), Cerebrum, Eye, Heart
Intestine,duodenum, Intestine,jejunum, Intestine,ileum(Peyer's patch)
Intestine,cecum, Intestine,colon, Intestine,rectum, Kidney
Lymph node,mesenteric, Lymph node,submandibular, Liver, Lung(bronchus)
Mammary gland,inguinal, Optic nerve, Ovary, Parathyroid, Pancreas, Pituitary
Salivary gland,submandibular, Salivary gland,sublingual, Skin,inguinal
Sciatic nerve, Spleen, Stomach, Skeletal muscle,femoral, Spinal cord,thoracic
Thymus, Trachea, Thyroid, Urinary bladder, Uterus, Vagina

Appendix 9-69(1/1) 3-methoxybutan-1-ol: 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 43 End of administration,Dams

Gross pathology:

All tissues Not remarkable

Histopathology:

No tissues examined

Appendix 9-70(1/1) 3-methoxybutan-1-ol: 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 42 End of administration,Dams

Gross pathology:

All tissues Not remarkable

Histopathology:

No tissues examined

Appendix 9-71(1/1) 3-methoxybutan-1-ol: 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 43 End of administration,Dams

Gross pathology:

All tissues Not remarkable

Histopathology:

No tissues examined

Appendix 9-72(1/1) 3-methoxybutan-1-ol: 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 44 End of administration,Dams

Gross pathology:

All tissues Not remarkable

Histopathology:

No tissues examined

Appendix 9-73(1/1) 3-methoxybutan-1-ol: 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 40 Found dead

Gross pathology:

Thoracic cavity	Excess fluid: 5mL,red
Other tissues	Not remarkable

Histopathology:

Adrenal	Hypertrophy,cortical cell: mild, bilateral
Intestine,ileum(Peyer's patch)	Atrophy,Peyer's patch: minimal
Lymph node,mesenteric	Atrophy: minimal
Lymph node,submandibular	Atrophy: minimal
Liver	Necrosis,focal: minimal
Pituitary	Cyst,pars distalis: minimal
Salivary gland,submandibular	Hypertrophy,acinar cell,diffuse: mild
Spleen	Atrophy,white pulp: mild
Thymus	Atrophy: minimal
Cause of demise	Unclear

Following tissues : Not remarkable

Bone+Bone marrow,femoral, Cerebellum(pons), Cerebrum, Eye, Heart
Intestine,duodenum, Intestine,jejunum, Intestine,cecum, Intestine,colon
Intestine,rectum, Kidney, Lung(bronchus), Mammary gland,inguinal, Optic nerve
Ovary, Parathyroid, Pancreas, Salivary gland,sublingual, Skin,inguinal
Sciatic nerve, Stomach, Skeletal muscle,femoral, Spinal cord,thoracic, Trachea
Thyroid, Urinary bladder, Uterus, Vagina

Appendix 9-74(1/1) 3-methoxybutan-1-ol: 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 46 End of administration,Dams

Gross pathology:

All tissues Not remarkable

Histopathology:

No tissues examined

Appendix 9-75(1/1) 3-methoxybutan-1-ol: 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 43 End of administration,Dams

Gross pathology:

All tissues Not remarkable

Histopathology:

No tissues examined

Appendix 9-76(1/1) 3-methoxybutan-1-ol: 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 44 End of administration,Dams

Gross pathology:

All tissues Not remarkable

Histopathology:

No tissues examined

Appendix 9-77(1/1) 3-methoxybutan-1-ol: 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 43 End of administration,Dams

Gross pathology:

All tissues Not remarkable

Histopathology:

No tissues examined

Appendix 9-78(1/1) 3-methoxybutan-1-ol: 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 44 End of administration,Dams

Gross pathology:

All tissues Not remarkable

Histopathology:

No tissues examined

Appendix 9-79(1/1) 3-methoxybutan-1-ol: 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 42 End of administration,Dams

Gross pathology:

All tissues Not remarkable

Histopathology:

No tissues examined

Appendix 9-80(1/1) 3-methoxybutan-1-ol: 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 44 End of administration,Dams

Gross pathology:

All tissues Not remarkable

Histopathology:

No tissues examined

Appendix 9-81(1/1) 3-methoxybutan-1-ol: 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 45 End of administration,Dams

Gross pathology:

All tissues Not remarkable

Histopathology:

No tissues examined

Appendix 9-82(1/1) 3-methoxybutan-1-ol: 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 45 End of administration,Dams

Gross pathology:

All tissues Not remarkable

Histopathology:

No tissues examined

Appendix 9-83(1/1) 3-methoxybutan-1-ol: 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 42 End of administration,Dams

Gross pathology:

Stomach	Focus,dark red,glandular stomach: 1 present 1x1mm
Other tissues	Not remarkable

Histopathology:

No tissues examined

Appendix 9-84(1/1) 3-methoxybutan-1-ol: 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 46 End of administration,Dams

Gross pathology:

All tissues Not remarkable

Histopathology:

No tissues examined

Appendix 9-85(1/1) 3-methoxybutan-1-ol: 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 44 End of administration,Dams

Gross pathology:

All tissues Not remarkable

Histopathology:

No tissues examined

Appendix 9-86(1/1) 3-methoxybutan-1-ol: 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 46 End of administration,Dams

Gross pathology:

All tissues Not remarkable

Histopathology:

No tissues examined

Appendix 9-87(1/1) 3-methoxybutan-1-ol: 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 45 End of administration,Dams

Gross pathology:

All tissues Not remarkable

Histopathology:

No tissues examined

Appendix 9-88(1/1) 3-methoxybutan-1-ol: 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 44 End of administration,Dams

Gross pathology:

All tissues Not remarkable

Histopathology:

No tissues examined

Appendix 9-89(1/1) 3-methoxybutan-1-ol: 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 43 End of administration,Dams

Gross pathology:

Lung(bronchus)	Focus,dark red: 1 present 2x2mm
Other tissues	Not remarkable

Histopathology:

Lung(bronchus)	Hemorrhage,focal: minimal

Following tissues : Not remarkable

Adrenal, Bone+Bone marrow,femoral, Cerebellum(pons), Cerebrum, Eye, Heart
Intestine,duodenum, Intestine,jejunum, Intestine,ileum(Peyer's patch)
Intestine,cecum, Intestine,colon, Intestine,rectum, Kidney
Lymph node,mesenteric, Lymph node,submandibular, Liver, Mammary gland,inguinal
Optic nerve, Ovary, Parathyroid, Pancreas, Pituitary
Salivary gland,submandibular, Salivary gland,sublingual, Skin,inguinal
Sciatic nerve, Spleen, Stomach, Skeletal muscle,femoral, Spinal cord,thoracic
Thymus, Trachea, Thyroid, Urinary bladder, Uterus, Vagina

Appendix 9-90(1/1) 3-methoxybutan-1-ol: 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 43 End of administration,Dams

Gross pathology:

All tissues Not remarkable

Histopathology:

Following tissues : Not remarkable

Adrenal, Bone+Bone marrow,femoral, Cerebellum(pons), Cerebrum, Eye, Heart
Intestine,duodenum, Intestine,jejunum, Intestine,ileum(Peyer's patch)
Intestine,cecum, Intestine,colon, Intestine,rectum, Kidney
Lymph node,mesenteric, Lymph node,submandibular, Liver, Lung(bronchus)
Mammary gland,inguinal, Optic nerve, Ovary, Parathyroid, Pancreas, Pituitary
Salivary gland,submandibular, Salivary gland,sublingual, Skin,inguinal
Sciatic nerve, Spleen, Stomach, Skeletal muscle,femoral, Spinal cord,thoracic
Thymus, Trachea, Thyroid, Urinary bladder, Uterus, Vagina

Appendix 9-91(1/1) 3-methoxybutan-1-ol: 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 42 End of administration,Dams

Gross pathology:

Skin+Subcutis	Nodule: 1 present, subcutaneous pubic,25x15x10mm
Other tissues	Not remarkable

Histopathology:

Liver	Microgranuloma: minimal
Mammary gland,pubic	ADENOCARCINOMA

Following tissues : Not remarkable

Adrenal, Bone+Bone marrow,femoral, Cerebellum(pons), Cerebrum, Eye, Heart
Intestine,duodenum, Intestine,jejunum, Intestine,ileum(Peyer's patch)
Intestine,cecum, Intestine,colon, Intestine,rectum, Kidney
Lymph node,mesenteric, Lymph node,submandibular, Lung(bronchus)
Mammary gland,inguinal, Optic nerve, Ovary, Parathyroid, Pancreas, Pituitary
Salivary gland,submandibular, Salivary gland,sublingual, Skin,inguinal
Sciatic nerve, Spleen, Stomach, Skeletal muscle,femoral, Spinal cord,thoracic
Thymus, Trachea, Thyroid, Urinary bladder, Uterus, Vagina

Appendix 9-92(1/1) 3-methoxybutan-1-ol: 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 43 End of administration,Dams

Gross pathology:

All tissues Not remarkable

Histopathology:

Following tissues : Not remarkable

Adrenal, Bone+Bone marrow,femoral, Cerebellum(pons), Cerebrum, Eye, Heart
Intestine,duodenum, Intestine,jejunum, Intestine,ileum(Peyer's patch)
Intestine,cecum, Intestine,colon, Intestine,rectum, Kidney
Lymph node,mesenteric, Lymph node,submandibular, Liver, Lung(bronchus)
Mammary gland,inguinal, Optic nerve, Ovary, Parathyroid, Pancreas, Pituitary
Salivary gland,submandibular, Salivary gland,sublingual, Skin,inguinal
Sciatic nerve, Spleen, Stomach, Skeletal muscle,femoral, Spinal cord,thoracic
Thymus, Trachea, Thyroid, Urinary bladder, Uterus, Vagina

Appendix 9-93(1/1) 3-methoxybutan-1-ol: 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 42 End of administration,Dams

Gross pathology:

All tissues Not remarkable

Histopathology:

Following tissues : Not remarkable

Adrenal, Bone+Bone marrow,femoral, Cerebellum(pons), Cerebrum, Eye, Heart
Intestine,duodenum, Intestine,jejunum, Intestine,ileum(Peyer's patch)
Intestine,cecum, Intestine,colon, Intestine,rectum, Kidney
Lymph node,mesenteric, Lymph node,submandibular, Liver, Lung(bronchus)
Mammary gland,inguinal, Optic nerve, Ovary, Parathyroid, Pancreas, Pituitary
Salivary gland,submandibular, Salivary gland,sublingual, Skin,inguinal
Sciatic nerve, Spleen, Stomach, Skeletal muscle,femoral, Spinal cord,thoracic
Thymus, Trachea, Thyroid, Urinary bladder, Uterus, Vagina

Appendix 9-94(1/1) 3-methoxybutan-1-ol: 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 43 End of administration,Dams

Gross pathology:

All tissues Not remarkable

Histopathology:

No tissues examined

Appendix 9-95(1/1) 3-methoxybutan-1-ol: 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 43 End of administration,Dams

Gross pathology:

All tissues Not remarkable

Histopathology:

No tissues examined

Appendix 9-96(1/1) 3-methoxybutan-1-ol: 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 45 End of administration,Dams

Gross pathology:

All tissues Not remarkable

Histopathology:

No tissues examined

Appendix 9-97(1/1) 3-methoxybutan-1-ol: 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 administration

Gross pathology:

Stomach	Focus,dark red,glandular stomach: 2 present each 1x1mm
Other tissues	Not remarkable

Histopathology:

Stomach	Erosion/Ulcer,glandular stomach: minimal

Following tissues : Not remarkable

Adrenal, Bone+Bone marrow,femoral, Cerebellum(pons), Cerebrum, Eye, Heart
Intestine,duodenum, Intestine,jejunum, Intestine,ileum(Peyer's patch)
Intestine,cecum, Intestine,colon, Intestine,rectum, Kidney
Lymph node,mesenteric, Lymph node,submandibular, Liver, Lung(bronchus)
Mammary gland,inguinal, Optic nerve, Ovary, Parathyroid, Pancreas, Pituitary
Salivary gland,submandibular, Salivary gland,sublingual, Skin,inguinal
Sciatic nerve, Spleen, Skeletal muscle,femoral, Spinal cord,thoracic, Thymus
Trachea, Thyroid, Urinary bladder, Uterus, Vagina

Appendix 9-98(1/1) 3-methoxybutan-1-ol: 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 administration

Gross pathology:

All tissues Not remarkable

Histopathology:

Following tissues : Not remarkable

Adrenal, Bone+Bone marrow,femoral, Cerebellum(pons), Cerebrum, Eye, Heart
Intestine,duodenum, Intestine,jejunum, Intestine,ileum(Peyer's patch)
Intestine,cecum, Intestine,colon, Intestine,rectum, Kidney
Lymph node,mesenteric, Lymph node,submandibular, Liver, Lung(bronchus)
Mammary gland,inguinal, Optic nerve, Ovary, Parathyroid, Pancreas, Pituitary
Salivary gland,submandibular, Salivary gland,sublingual, Skin,inguinal
Sciatic nerve, Spleen, Stomach, Skeletal muscle,femoral, Spinal cord,thoracic
Thymus, Trachea, Thyroid, Urinary bladder, Uterus, Vagina

Appendix 9-99(1/1) 3-methoxybutan-1-ol: 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 administration

Gross pathology:

All tissues Not remarkable

Histopathology:

Following tissues : Not remarkable

Adrenal, Bone+Bone marrow,femoral, Cerebellum(pons), Cerebrum, Eye, Heart
Intestine,duodenum, Intestine,jejunum, Intestine,ileum(Peyer's patch)
Intestine,cecum, Intestine,colon, Intestine,rectum, Kidney
Lymph node,mesenteric, Lymph node,submandibular, Liver, Lung(bronchus)
Mammary gland,inguinal, Optic nerve, Ovary, Parathyroid, Pancreas, Pituitary
Salivary gland,submandibular, Salivary gland,sublingual, Skin,inguinal
Sciatic nerve, Spleen, Stomach, Skeletal muscle,femoral, Spinal cord,thoracic
Thymus, Trachea, Thyroid, Urinary bladder, Uterus, Vagina

Appendix 9-100(1/1) 3-methoxybutan-1-ol: 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 administration

Gross pathology:

All tissues	Not remarkable

Histopathology:

Eye	Dysplasia,retinal: minimal
Kidney	Fibrosis,focal: minimal

Following tissues : Not remarkable

Adrenal, Bone+Bone marrow,femoral, Cerebellum(pons), Cerebrum, Heart
Intestine,duodenum, Intestine,jejunum, Intestine,ileum(Peyer's patch)
Intestine,cecum, Intestine,colon, Intestine,rectum, Lymph node,mesenteric
Lymph node,submandibular, Liver, Lung(bronchus), Mammary gland,inguinal
Optic nerve, Ovary, Parathyroid, Pancreas, Pituitary
Salivary gland,submandibular, Salivary gland,sublingual, Skin,inguinal
Sciatic nerve, Spleen, Stomach, Skeletal muscle,femoral, Spinal cord,thoracic
Thymus, Trachea, Thyroid, Urinary bladder, Uterus, Vagina

Appendix 9-101(1/1) 3-methoxybutan-1-ol: 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 administration

Gross pathology:

All tissues	Not remarkable

Histopathology:

Lung(bronchus)	Aggregation,alveolar macrophage: minimal

Following tissues : Not remarkable

Adrenal, Bone+Bone marrow,femoral, Cerebellum(pons), Cerebrum, Eye, Heart
Intestine,duodenum, Intestine,jejunum, Intestine,ileum(Peyer's patch)
Intestine,cecum, Intestine,colon, Intestine,rectum, Kidney
Lymph node,mesenteric, Lymph node,submandibular, Liver, Mammary gland,inguinal
Optic nerve, Ovary, Parathyroid, Pancreas, Pituitary
Salivary gland,submandibular, Salivary gland,sublingual, Skin,inguinal
Sciatic nerve, Spleen, Stomach, Skeletal muscle,femoral, Spinal cord,thoracic
Thymus, Trachea, Thyroid, Urinary bladder, Uterus, Vagina

Appendix 9-102(1/1) 3-methoxybutan-1-ol: 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

Gross pathology:

All tissues	Not remarkable

Histopathology:

Lung(bronchus)	Aggregation,alveolar macrophage: minimal
Pituitary	Cyst,pars distalis: minimal

Following tissues : Not remarkable

Adrenal, Bone+Bone marrow,femoral, Cerebellum(pons), Cerebrum, Eye, Heart
Intestine,duodenum, Intestine,jejunum, Intestine,ileum(Peyer's patch)
Intestine,cecum, Intestine,colon, Intestine,rectum, Kidney
Lymph node,mesenteric, Lymph node,submandibular, Liver, Mammary gland,inguinal
Optic nerve, Ovary, Parathyroid, Pancreas, Salivary gland,submandibular
Salivary gland,sublingual, Skin,inguinal, Sciatic nerve, Spleen, Stomach
Skeletal muscle,femoral, Spinal cord,thoracic, Thymus, Trachea, Thyroid
Urinary bladder, Uterus, Vagina

Appendix 9-103(1/1) 3-methoxybutan-1-ol: 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

Gross pathology:

All tissues	Not remarkable

Histopathology:

Liver	Microgranuloma: minimal

Following tissues : Not remarkable

Adrenal, Bone+Bone marrow,femoral, Cerebellum(pons), Cerebrum, Eye, Heart
Intestine,duodenum, Intestine,jejunum, Intestine,ileum(Peyer's patch)
Intestine,cecum, Intestine,colon, Intestine,rectum, Kidney
Lymph node,mesenteric, Lymph node,submandibular, Lung(bronchus)
Mammary gland,inguinal, Optic nerve, Ovary, Parathyroid, Pancreas, Pituitary
Salivary gland,submandibular, Salivary gland,sublingual, Skin,inguinal
Sciatic nerve, Spleen, Stomach, Skeletal muscle,femoral, Spinal cord,thoracic
Thymus, Trachea, Thyroid, Urinary bladder, Uterus, Vagina

Appendix 9-104(1/1) 3-methoxybutan-1-ol: 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

Gross pathology:

Stomach	Focus,dark red,glandular stomach: 1 present 1x2mm
Other tissues	Not remarkable

Histopathology:

Stomach	Erosion/Ulcer,glandular stomach: minimal

Following tissues : Not remarkable

Adrenal, Bone+Bone marrow,femoral, Cerebellum(pons), Cerebrum, Eye, Heart
Intestine,duodenum, Intestine,jejunum, Intestine,ileum(Peyer's patch)
Intestine,cecum, Intestine,colon, Intestine,rectum, Kidney
Lymph node,mesenteric, Lymph node,submandibular, Liver, Lung(bronchus)
Mammary gland,inguinal, Optic nerve, Ovary, Parathyroid, Pancreas, Pituitary
Salivary gland,submandibular, Salivary gland,sublingual, Skin,inguinal
Sciatic nerve, Spleen, Skeletal muscle,femoral, Spinal cord,thoracic, Thymus
Trachea, Thyroid, Urinary bladder, Uterus, Vagina

Appendix 9-105(1/1) 3-methoxybutan-1-ol: 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

Gross pathology:

All tissues	Not remarkable

Histopathology:

Liver	Microgranuloma: minimal

Following tissues : Not remarkable

Adrenal, Bone+Bone marrow,femoral, Cerebellum(pons), Cerebrum, Eye, Heart
Intestine,duodenum, Intestine,jejunum, Intestine,ileum(Peyer's patch)
Intestine,cecum, Intestine,colon, Intestine,rectum, Kidney
Lymph node,mesenteric, Lymph node,submandibular, Lung(bronchus)
Mammary gland,inguinal, Optic nerve, Ovary, Parathyroid, Pancreas, Pituitary
Salivary gland,submandibular, Salivary gland,sublingual, Skin,inguinal
Sciatic nerve, Spleen, Stomach, Skeletal muscle,femoral, Spinal cord,thoracic
Thymus, Trachea, Thyroid, Urinary bladder, Uterus, Vagina

Appendix 9-106(1/1) 3-methoxybutan-1-ol: 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

Gross pathology:

All tissues Not remarkable

Histopathology:

Following tissues : Not remarkable

Adrenal, Bone+Bone marrow,femoral, Cerebellum(pons), Cerebrum, Eye, Heart
Intestine,duodenum, Intestine,jejunum, Intestine,ileum(Peyer's patch)
Intestine,cecum, Intestine,colon, Intestine,rectum, Kidney
Lymph node,mesenteric, Lymph node,submandibular, Liver, Lung(bronchus)
Mammary gland,inguinal, Optic nerve, Ovary, Parathyroid, Pancreas, Pituitary
Salivary gland,submandibular, Salivary gland,sublingual, Skin,inguinal
Sciatic nerve, Spleen, Stomach, Skeletal muscle,femoral, Spinal cord,thoracic
Thymus, Trachea, Thyroid, Urinary bladder, Uterus, Vagina

Appendix 9-107(1/1) 3-methoxybutan-1-ol: 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 administration

Gross pathology:

All tissues Not remarkable

Histopathology:

Following tissues : Not remarkable

Adrenal, Bone+Bone marrow,femoral, Cerebellum(pons), Cerebrum, Eye, Heart
Intestine,duodenum, Intestine,jejunum, Intestine,ileum(Peyer's patch)
Intestine,cecum, Intestine,colon, Intestine,rectum, Kidney
Lymph node,mesenteric, Lymph node,submandibular, Liver, Lung(bronchus)
Mammary gland,inguinal, Optic nerve, Ovary, Parathyroid, Pancreas, Pituitary
Salivary gland,submandibular, Salivary gland,sublingual, Skin,inguinal
Sciatic nerve, Spleen, Stomach, Skeletal muscle,femoral, Spinal cord,thoracic
Thymus, Trachea, Thyroid, Urinary bladder, Uterus, Vagina

Appendix 9-108(1/1) 3-methoxybutan-1-ol: 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 administration

Gross pathology:

All tissues	Not remarkable

Histopathology:

Liver	Microgranuloma: minimal

Following tissues : Not remarkable

Adrenal, Bone+Bone marrow,femoral, Cerebellum(pons), Cerebrum, Eye, Heart
Intestine,duodenum, Intestine,jejunum, Intestine,ileum(Peyer's patch)
Intestine,cecum, Intestine,colon, Intestine,rectum, Kidney
Lymph node,mesenteric, Lymph node,submandibular, Lung(bronchus)
Mammary gland,inguinal, Optic nerve, Ovary, Parathyroid, Pancreas, Pituitary
Salivary gland,submandibular, Salivary gland,sublingual, Skin,inguinal
Sciatic nerve, Spleen, Stomach, Skeletal muscle,femoral, Spinal cord,thoracic
Thymus, Trachea, Thyroid, Urinary bladder, Uterus, Vagina

Appendix 9-109(1/1) 3-methoxybutan-1-ol: 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 administration

Gross pathology:

All tissues	Not remarkable

Histopathology:

Liver	Microgranuloma: minimal

Following tissues : Not remarkable

Adrenal, Bone+Bone marrow,femoral, Cerebellum(pons), Cerebrum, Eye, Heart
Intestine,duodenum, Intestine,jejunum, Intestine,ileum(Peyer's patch)
Intestine,cecum, Intestine,colon, Intestine,rectum, Kidney
Lymph node,mesenteric, Lymph node,submandibular, Lung(bronchus)
Mammary gland,inguinal, Optic nerve, Ovary, Parathyroid, Pancreas, Pituitary
Salivary gland,submandibular, Salivary gland,sublingual, Skin,inguinal
Sciatic nerve, Spleen, Stomach, Skeletal muscle,femoral, Spinal cord,thoracic
Thymus, Trachea, Thyroid, Urinary bladder, Uterus, Vagina

Appendix 9-110(1/1) 3-methoxybutan-1-ol: 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 administration

Gross pathology:

Stomach	Focus,dark red,glandular stomach: 3 present 1x1mm,1x1mm,3x1mm
Other tissues	Not remarkable

Histopathology:

Stomach	Erosion/Ulcer,glandular stomach: minimal

Following tissues : Not remarkable

Adrenal, Bone+Bone marrow,femoral, Cerebellum(pons), Cerebrum, Eye, Heart
Intestine,duodenum, Intestine,jejunum, Intestine,ileum(Peyer's patch)
Intestine,cecum, Intestine,colon, Intestine,rectum, Kidney
Lymph node,mesenteric, Lymph node,submandibular, Liver, Lung(bronchus)
Mammary gland,inguinal, Optic nerve, Ovary, Parathyroid, Pancreas, Pituitary
Salivary gland,submandibular, Salivary gland,sublingual, Skin,inguinal
Sciatic nerve, Spleen, Skeletal muscle,femoral, Spinal cord,thoracic, Thymus
Trachea, Thyroid, Urinary bladder, Uterus, Vagina

Appendix 9-111(1/1) 3-methoxybutan-1-ol: 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 administration

Gross pathology:

All tissues Not remarkable

Histopathology:

Following tissues : Not remarkable

Adrenal, Bone+Bone marrow,femoral, Cerebellum(pons), Cerebrum, Eye, Heart
Intestine,duodenum, Intestine,jejunum, Intestine,ileum(Peyer's patch)
Intestine,cecum, Intestine,colon, Intestine,rectum, Kidney
Lymph node,mesenteric, Lymph node,submandibular, Liver, Lung(bronchus)
Mammary gland,inguinal, Optic nerve, Ovary, Parathyroid, Pancreas, Pituitary
Salivary gland,submandibular, Salivary gland,sublingual, Skin,inguinal
Sciatic nerve, Spleen, Stomach, Skeletal muscle,femoral, Spinal cord,thoracic
Thymus, Trachea, Thyroid, Urinary bladder, Uterus, Vagina

Appendix 9-112(1/1) 3-methoxybutan-1-ol: 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

Gross pathology:

Stomach	Focus,dark red,glandular stomach: 1 present 2x1mm
Other tissues	Not remarkable

Histopathology:

Stomach	Erosion/Ulcer,glandular stomach: minimal

Following tissues : Not remarkable

Adrenal, Bone+Bone marrow,femoral, Cerebellum(pons), Cerebrum, Eye, Heart
Intestine,duodenum, Intestine,jejunum, Intestine,ileum(Peyer's patch)
Intestine,cecum, Intestine,colon, Intestine,rectum, Kidney
Lymph node,mesenteric, Lymph node,submandibular, Liver, Lung(bronchus)
Mammary gland,inguinal, Optic nerve, Ovary, Parathyroid, Pancreas, Pituitary
Salivary gland,submandibular, Salivary gland,sublingual, Skin,inguinal
Sciatic nerve, Spleen, Skeletal muscle,femoral, Spinal cord,thoracic, Thymus
Trachea, Thyroid, Urinary bladder, Uterus, Vagina

Appendix 9-113(1/1) 3-methoxybutan-1-ol: 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

Gross pathology:

All tissues	Not remarkable

Histopathology:

Pituitary	Cyst,pars distalis: minimal

Following tissues : Not remarkable

Adrenal, Bone+Bone marrow,femoral, Cerebellum(pons), Cerebrum, Eye, Heart
Intestine,duodenum, Intestine,jejunum, Intestine,ileum(Peyer's patch)
Intestine,cecum, Intestine,colon, Intestine,rectum, Kidney
Lymph node,mesenteric, Lymph node,submandibular, Liver, Lung(bronchus)
Mammary gland,inguinal, Optic nerve, Ovary, Parathyroid, Pancreas
Salivary gland,submandibular, Salivary gland,sublingual, Skin,inguinal
Sciatic nerve, Spleen, Stomach, Skeletal muscle,femoral, Spinal cord,thoracic
Thymus, Trachea, Thyroid, Urinary bladder, Uterus, Vagina

Appendix 9-114(1/1) 3-methoxybutan-1-ol: 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

Gross pathology:

All tissues Not remarkable

Histopathology:

Following tissues : Not remarkable

Adrenal, Bone+Bone marrow,femoral, Cerebellum(pons), Cerebrum, Eye, Heart
Intestine,duodenum, Intestine,jejunum, Intestine,ileum(Peyer's patch)
Intestine,cecum, Intestine,colon, Intestine,rectum, Kidney
Lymph node,mesenteric, Lymph node,submandibular, Liver, Lung(bronchus)
Mammary gland,inguinal, Optic nerve, Ovary, Parathyroid, Pancreas, Pituitary
Salivary gland,submandibular, Salivary gland,sublingual, Skin,inguinal
Sciatic nerve, Spleen, Stomach, Skeletal muscle,femoral, Spinal cord,thoracic
Thymus, Trachea, Thyroid, Urinary bladder, Uterus, Vagina

Appendix 9-115(1/1) 3-methoxybutan-1-ol: 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

Gross pathology:

All tissues Not remarkable

Histopathology:

Following tissues : Not remarkable

Adrenal, Bone+Bone marrow,femoral, Cerebellum(pons), Cerebrum, Eye, Heart
Intestine,duodenum, Intestine,jejunum, Intestine,ileum(Peyer's patch)
Intestine,cecum, Intestine,colon, Intestine,rectum, Kidney
Lymph node,mesenteric, Lymph node,submandibular, Liver, Lung(bronchus)
Mammary gland,inguinal, Optic nerve, Ovary, Parathyroid, Pancreas, Pituitary
Salivary gland,submandibular, Salivary gland,sublingual, Skin,inguinal
Sciatic nerve, Spleen, Stomach, Skeletal muscle,femoral, Spinal cord,thoracic
Thymus, Trachea, Thyroid, Urinary bladder, Uterus, Vagina

Appendix 9-116(1/1) 3-methoxybutan-1-ol: 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

Gross pathology:

All tissues Not remarkable

Histopathology:

Following tissues : Not remarkable

Adrenal, Bone+Bone marrow,femoral, Cerebellum(pons), Cerebrum, Eye, Heart
Intestine,duodenum, Intestine,jejunum, Intestine,ileum(Peyer's patch)
Intestine,cecum, Intestine,colon, Intestine,rectum, Kidney
Lymph node,mesenteric, Lymph node,submandibular, Liver, Lung(bronchus)
Mammary gland,inguinal, Optic nerve, Ovary, Parathyroid, Pancreas, Pituitary
Salivary gland,submandibular, Salivary gland,sublingual, Skin,inguinal
Sciatic nerve, Spleen, Stomach, Skeletal muscle,femoral, Spinal cord,thoracic
Thymus, Trachea, Thyroid, Urinary bladder, Uterus, Vagina

Estrus cycles and copulation

Generation : F0 Dose : 3-methoxybutan-1-ol 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	M	D	P	E	M	D	P	E	M	D	P	E	M	D
1105	E	M	D	P	E	M	D	P	E	M	D	P	E	M
1106	P	E	M	D	P	E	M	D	D	P	E	M	D	D
1107	P	E	M	D	P	E	M	D	P	E	M	D	P	E
1108	P	E	M	D	P	E	M	D	P	E	M	D	P	E
1109	D	P	E	M	D	P	E	M	D	P	E	M	D	P
1110	D	P	E	M	D	P	E	M	D	P	E	M	D	P
1111	D	P	E	M	D	P	E	M	D	P	E	M	D	P
1112	M	D	P	E	M	D	P	E	M	D	P	E	M	D

P : Proestrus, E : Estrus, M : Metestrus, D : Diestrus

Estrus cycles and copulation

Generation : F0 Dose : 3-methoxybutan-1-ol 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	M	4	4	4	4.0	4	-
1103	M	4	4	4	4.0	4	-
1104	P	4	4		4.0	3	-
1105	D	4	4	4	4.0	4	-
1106	P	4	5		4.5	3	-
1107	M	4	4	4	4.0	4	-
1108	M	4	4	4	4.0	4	-
1109	E	4	4	4	4.0	4	-
1110	E	4	4	4	4.0	4	-
1111	E	4	4	4	4.0	4	-
1112	P	4	4		4.0	3	-

P : Proestrus, E : Estrus, M : Metestrus, D : Diestrus

+ : Animal with abnormal estrous cycle, - : Animal with normal and regular cycle

Estrus cycles and copulation
Generation : F0 Dose : 3-methoxybutan-1-ol 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	D	P	E	E	M	D	P	E	M	D	P	E	E	M
2102	P	E	M	D	P	E	M	D	P	E	M	D	P	E
2103	P	E	M	D	P	E	M	D	P	E	M	D	P	E
2104	E	M	D	P	E	M	D	P	E	M	D	P	E	M
2105	M	D	P	E	M	D	P	E	M	D	P	E	M	D
2106	E	M	D	P	E	M	D	P	E	M	D	P	E	M
2107	M	D	D	P	E	M	D	D	P	E	M	D	D	D
2108	M	D	D	P	E	M	D	D	P	E	M	D	D	P
2109	D	P	E	E	M	D	P	E	M	D	P	E	M	D
2110	M	D	P	E	M	D	P	E	M	D	P	E	M	D
2111	M	D	D	P	E	M	D	P	E	M	D	P	E	M
2112	E	M	D	P	E	M	D	P	E	M	D	P	E	M

P : Proestrus, E : Estrus, M : Metestrus, D : Diestrus

Estrus cycles and copulation

Generation : F0 Dose : 3-methoxybutan-1-ol 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	D	5	4		4.5	3	-
2102	M	4	4	4	4.0	4	-
2103	M	4	4	4	4.0	4	-
2104	D	4	4	4	4.0	4	-
2105	P	4	4		4.0	3	-
2106	D	4	4	4	4.0	4	-
2107	D	5			5.0	2	+
2108	E	5	5		5.0	3	-
2109	P	5	4		4.5	3	-
2110	P	4	4		4.0	3	-
2111	D	4	4		4.0	3	-
2112	D	4	4	4	4.0	4	-

P : Proestrus, E : Estrus, M : Metestrus, D : Diestrus

+ : Animal with abnormal estrous cycle, - : Animal with normal and regular cycle

Estrus cycles and copulation

Generation : F0 Dose : 3-methoxybutan-1-ol 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	M	D	P	E	M	D	P	E	M	D	D	P	E	M
3102	D	P	E	M	D	P	E	M	D	P	E	M	D	P
3103	E	M	D	P	E	M	D	P	E	M	D	P	E	M
3104	E	M	D	P	E	M	D	P	E	M	D	P	E	M
3105	E	M	D	P	E	M	D	P	E	M	D	P	E	M
3106	E	M	D	P	E	M	D	P	E	M	D	P	E	M
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	E	M	D	P	E	E	M	D	P	E	E	M	D	P
3111	M	D	P	E	M	D	P	E	M	D	P	E	M	D
3112	D	P	E	M	D	P	E	M	D	P	E	M	D	P

P : Proestrus, E : Estrus, M : Metestrus, D : Diestrus

Estrus cycles and copulation

Generation : F0 Dose : 3-methoxybutan-1-ol 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	4	5		4.5	3	-
3102	E	4	4	4	4.0	4	-
3103	D	4	4	4	4.0	4	-
3104	D	4	4	4	4.0	4	-
3105	D	4	4	4	4.0	4	-
3106	D	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	E	4	5	5	4.7	4	-
3111	P	4	4		4.0	3	-
3112	E	4	4	4	4.0	4	-

P : Proestrus, E : Estrus, M : Metestrus, D : Diestrus

+ : Animal with abnormal estrous cycle, - : Animal with normal and regular cycle

Estrus cycles and copulation

Generation : F0 Dose : 3-methoxybutan-1-ol 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	P	E	M	D	P	E	E	M	D	P	E	E	M	D
4102	D	P	E	M	D	P	E	M	D	P	E	M	D	P
4103	D	P	E	M	D	P	E	M	D	P	E	M	D	P
4104	P	E	M	D	P	E	M	D	P	E	M	D	P	E
4105	M	D	P	E	M	D	P	E	M	D	P	E	M	D
4106	M	D	P	E	E	M	D	P	E	E	M	D	P	E
4107	M	D	P	E	M	D	P	E	M	D	P	E	M	D
4108	E	M	D	P	M	D	P	E	M	P	M	D	D	P
4109	D	P	E	M	D	P	E	M	D	P	E	M	D	P
4110	E	M	D	P	E	M	D	P	E	M	D	P	E	M
4111	M	D	P	E	M	D	P	E	M	D	P	E	M	D
4112	P	E	M	D	P	E	M	D	P	E	M	D	P	E

P : Proestrus, E : Estrus, M : Metestrus, D : Diestrus

Estrus cycles and copulation

Generation : F0 Dose : 3-methoxybutan-1-ol 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	5		4.5	3	-
4102	E	4	4	4	4.0	4	-
4103	E	4	4	4	4.0	4	-
4104	M	4	4	4	4.0	4	-
4105	P	4	4		4.0	3	-
4106	M	5	5		5.0	3	-
4107	P	4	4		4.0	3	-
4108	E	7	7		7.0	3	+
4109	E	4	4	4	4.0	4	-
4110	D	4	4	4	4.0	4	-
4111	P	4	4		4.0	3	-
4112	M	4	4	4	4.0	4	-

P : Proestrus, E : Estrus, M : Metestrus, D : Diestrus

+ : Animal with abnormal estrous cycle, - : Animal with normal and regular cycle

Reproductive performance

Generation : F0 Sex : Male Dose : 3-methoxybutan-1-ol 0 mg/kg Species : Rat

Animal No.	Elapsed day of conceiving a)	1st mating Paired animal	Copulation b)	Fertility c)
1001	1	1101	+	+
1002	3	1102	+	+
1003	3	1103	+	+
1004	1	1104	+	+
1005	2	1105	+	+
1006	1	1106	+	+
1007	3	1107	+	+
1008	3	1108	+	+
1009	4	1109	+	+
1010	4	1110	+	+
1011	4	1111	+	+
1012	1	1112	+	+
n	12		12	12
Mean	2.5			
S.D.	1.2			
No. of positives			12	12
%			100.0 d)	100.0 e)

a) - : Not copulation
b) + : Copulation , - : Not copulation
c) + : Pregnant , - : Non-pregnant
d) : (Number of copulated animals / Number of mated animals) × 100
e) : (Number of males which impregnated females / Number of copulated males) × 100

Reproductive performance

Generation : F0 Sex : Male Dose : 3-methoxybutan-1-ol 100 mg/kg Species : Rat

Animal No.	Elapsed day of conceiving a)	1st mating Paired animal	Copulation b)	Fertility c)
2001	2	2101	+	+
2002	3	2102	+	+
2003	3	2103	+	+
2004	2	2104	+	+
2005	1	2105	+	+
2006	2	2106	+	+
2007	9	2107	+	+
2008	5	2108	+	-
2009	1	2109	+	+
2010	1	2110	+	+
2011	1	2111	+	+
2012	2	2112	+	+
n	12		12	12
Mean	2.7			
S.D.	2.3			
No. of positives			12	11
%			100.0 d)	91.7 e)

a) - : Not copulation
b) + : Copulation , - : Not copulation
c) + : Pregnant , - : Non-pregnant
d) : (Number of copulated animals / Number of mated animals) × 100
e) : (Number of males which impregnated females / Number of copulated males) × 100

Reproductive performance
Generation : F0 Sex : Male Dose : 3-methoxybutan-1-ol 300 mg/kg Species : Rat

Animal No.	Elapsed day of conceiving a)	1st mating Paired animal	Copulation b)	Fertility c)
3001	2	3101	+	+
3002	4	3102	+	+
3003	2	3103	+	+
3004	2	3104	+	+
3005	2	3105	+	+
3006	2	3106	+	+
3007	1	3107	+	+
3008	2	3108	+	+
3009	3	3109	+	+
3010	4	3110	+	+
3011	1	3111	+	+
3012	4	3112	+	+
n	12		12	12
Mean	2.4			
S.D.	1.1			
No. of positives			12	12
%			100.0 d)	100.0 e)

a) - : Not copulation
b) + : Copulation , - : Not copulation
c) + : Pregnant , - : Non-pregnant
d) : (Number of copulated animals / Number of mated animals) × 100
e) : (Number of males which impregnated females / Number of copulated males) × 100

Reproductive performance

Generation : F0 Sex : Male Dose : 3-methoxybutan-1-ol 1000 mg/kg Species : Rat

Animal No.	Elapsed day of conceiving a)	1st mating Paired animal	Copulation b)	Fertility c)
4001	2	4101	+	+
4002	4	4102	+	+
4003	4	4103	+	+
4004	3	4104	+	+
4005	1	4105	+	+
4006	2	4106	+	+
4007	1	4107	+	+
4008	1	4108	+	+
4009	1	4109	+	+
4010	2	4110	+	+
4011	1	4111	+	+
4012	3	4112	+	+
n	12		12	12
Mean	2.1			
S.D.	1.2			
No. of positives			12	12
%			100.0 d)	100.0 e)

a) - : Not copulation
b) + : Copulation , - : Not copulation
c) + : Pregnant , - : Non-pregnant
d) : (Number of copulated animals / Number of mated animals) × 100
e) : (Number of males which impregnated females / Number of copulated males) × 100

Reproductive performance

Generation : F0 Sex : Female Dose : 3-methoxybutan-1-ol 0 mg/kg Species : Rat

Animal No.	Elapsed day of conceiving a)	1st mating Paired animal	Copulation b)	Fertility c)
1101	1	1001	+	+
1102	3	1002	+	+
1103	3	1003	+	+
1104	1	1004	+	+
1105	2	1005	+	+
1106	1	1006	+	+
1107	3	1007	+	+
1108	3	1008	+	+
1109	4	1009	+	+
1110	4	1010	+	+
1111	4	1011	+	+
1112	1	1012	+	+
n	12		12	12
Mean	2.5			
S.D.	1.2			
No. of positives			12	12
%			100.0 d)	100.0 e)

a) - : Not copulation
b) + : Copulation , - : Not copulation
c) + : Pregnant , - : Non-pregnant
d) : (Number of copulated animals / Number of mated animals) × 100
e) : (Number of pregnant females / Number of copulated females) × 100

Reproductive performance

Generation : F0 Sex : Female Dose : 3-methoxybutan-1-ol 100 mg/kg Species : Rat

Animal No.	Elapsed day of conceiving a)	1st mating Paired animal	Copulation b)	Fertility c)
2101	2	2001	+	+
2102	3	2002	+	+
2103	3	2003	+	+
2104	2	2004	+	+
2105	1	2005	+	+
2106	2	2006	+	+
2107	9	2007	+	+
2108	5	2008	+	-
2109	1	2009	+	+
2110	1	2010	+	+
2111	1	2011	+	+
2112	2	2012	+	+
n	12		12	12
Mean	2.7			
S.D.	2.3			
No. of positives			12	11
%			100.0 d)	91.7 e)

a) - : Not copulation
b) + : Copulation , - : Not copulation
c) + : Pregnant , - : Non-pregnant
d) : (Number of copulated animals / Number of mated animals) × 100
e) : (Number of pregnant females / Number of copulated females) × 100

Reproductive performance

Generation : F0 Sex : Female Dose : 3-methoxybutan-1-ol 300 mg/kg Species : Rat

Animal No.	Elapsed day of conceiving a)	1st mating Paired animal	Copulation b)	Fertility c)
3101	2	3001	+	+
3102	4	3002	+	+
3103	2	3003	+	+
3104	2	3004	+	+
3105	2	3005	+	+
3106	2	3006	+	+
3107	1	3007	+	+
3108	2	3008	+	+
3109	3	3009	+	+
3110	4	3010	+	+
3111	1	3011	+	+
3112	4	3012	+	+
n	12		12	12
Mean	2.4			
S.D.	1.1			
No. of positives			12	12
%			100.0 d)	100.0 e)

a) - : Not copulation
b) + : Copulation , - : Not copulation
c) + : Pregnant , - : Non-pregnant
d) : (Number of copulated animals / Number of mated animals) × 100
e) : (Number of pregnant females / Number of copulated females) × 100

Reproductive performance

Generation : F0 Sex : Female Dose : 3-methoxybutan-1-ol 1000 mg/kg Species : Rat

Animal No.	Elapsed day of conceiving a)	1st mating Paired animal	Copulation b)	Fertility c)
4101	2	4001	+	+
4102	4	4002	+	+
4103	4	4003	+	+
4104	3	4004	+	+
4105	1	4005	+	+
4106	2	4006	+	+
4107	1	4007	+	+
4108	1	4008	+	+
4109	1	4009	+	+
4110	2	4010	+	+
4111	1	4011	+	+
4112	3	4012	+	+
n	12		12	12
Mean	2.1			
S.D.	1.2			
No. of positives			12	12
%			100.0 d)	100.0 e)

a) - : Not copulation
b) + : Copulation , - : Not copulation
c) + : Pregnant , - : Non-pregnant
d) : (Number of copulated animals / Number of mated animals) × 100
e) : (Number of pregnant females / Number of copulated females) × 100

Delivery data
Generation : F0 Dose : 3-methoxybutan-1-ol 0 mg/kg Species : Rat

Dam No.	Gestation period (day)	Number of corpora lutea	Number of implan-tation	Preimplan-tation loss (%) a)	Implantation index (%) b)	Delivery index (%) c)	Live birth index (%) d)	Number of offspring	Number of live newborns			Number of dead newborns			
									M	F	Total	M	F	U	Total
1101	22	16(9/7)	16(9/7)	0.0	100.0	87.5	100.0	14	6	8	14	0	0	0	0
1102	22	17(11/6)	17(11/6)	0.0	100.0	88.2	100.0	15	8	7	15	0	0	0	0
1103	22.5	18(10/8)	17(10/7)	5.6	94.4	94.1	100.0	16	10	6	16	0	0	0	0
1104	21.5	15(7/8)	15(7/8)	0.0	100.0	93.3	100.0	14	4	10	14	0	0	0	0
1105	21.5	19(7/12)	17(6/11)	10.5	89.5	100.0	100.0	17	10	7	17	0	0	0	0
1106	22.5	18(7/11)	15(4/11)	16.7	83.3	100.0	100.0	15	9	6	15	0	0	0	0
1107	21.5	19(9/10)	18(9/9)	5.3	94.7	88.9	93.8	16	9	6	15	0	1	0	1
1108	22.5	16(8/8)	15(8/7)	6.3	93.8	100.0	100.0	15	8	7	15	0	0	0	0
1109	21.5	18(9/9)	17(8/9)	5.6	94.4	82.4	100.0	14	4	10	14	0	0	0	0
1110	22	15(11/4)	15(11/4)	0.0	100.0	100.0	100.0	15	11	4	15	0	0	0	0
1111	22.5	15(6/9)	15(6/9)	0.0	100.0	100.0	93.3	15	8	6	14	1	0	0	1
1112	21.5	14(6/8)	14(6/8)	0.0	100.0	100.0	100.0	14	3	11	14	0	0	0	0
n	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
Mean	22.0	16.7	15.9	4.2	95.8	94.5	98.9	15.0	7.5	7.3	14.8	0.1	0.1	0.0	0.2
S.D.	0.5	1.7	1.2	5.3	5.3	6.4	2.5	1.0	2.6	2.1	0.9	0.3	0.3	0.0	0.4

(/) : Right/Left, M : Male, F : Female, U : Unable to be sexed
a) : [(Number of corpora lutea - Number of implantation) / Number of corpora lutea] × 100
b) : (Number of implantation / Number of corpora lutea) × 100
c) : (Number of delivered pups / Number of implantation) × 100
d) : (Number of live borns / Number of delivered pups) × 100

Delivery data
Generation : F0 Dose : 3-methoxybutan-1-ol 100 mg/kg Species : Rat

Dam No.	Gestation period (day)	Number of corpora lutea	Number of implan-tation	Preimplan-tation loss (%) a)	Implantation index (%) b)	Delivery index (%) c)	Live birth index (%) d)	Number of offspring	Number of live newborns			Number of dead newborns			
									M	F	Total	M	F	U	Total
2101	22	16(8/8)	15(7/8)	6.3	93.8	100.0	100.0	15	6	9	15	0	0	0	0
2102	22	10(4/6)	8(4/4)	20.0	80.0	100.0	100.0	8	5	3	8	0	0	0	0
2103	21.5	16(9/7)	16(9/7)	0.0	100.0	93.8	100.0	15	11	4	15	0	0	0	0
2104	22	16(10/6)	16(10/6)	0.0	100.0	100.0	100.0	16	5	11	16	0	0	0	0
2105	22.5	19(10/9)	18(9/9)	5.3	94.7	55.6	100.0	10	6	4	10	0	0	0	0
2106	22.5	16(9/7)	15(8/7)	6.3	93.8	93.3	100.0	14	9	5	14	0	0	0	0
2107	22.5	18(10/8)	18(10/8)	0.0	100.0	94.4	100.0	17	8	9	17	0	0	0	0
2109	22.5	16(6/10)	15(5/10)	6.3	93.8	100.0	100.0	15	7	8	15	0	0	0	0
2110	21.5	16(10/6)	15(10/5)	6.3	93.8	100.0	100.0	15	7	8	15	0	0	0	0
2111	22.5	18(7/11)	18(7/11)	0.0	100.0	100.0	94.4	18	5	12	17	0	1	0	1
2112	22	17(6/11)	17(6/11)	0.0	100.0	94.1	100.0	16	6	10	16	0	0	0	0
n	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
Mean	22.1	16.2	15.5	4.6	95.4	93.7	99.5	14.5	6.8	7.5	14.4	0.0	0.1	0.0	0.1
S.D.	0.4	2.3	2.8	6.0	5.9	13.0	1.7	2.9	1.9	3.1	2.8	0.0	0.3	0.0	0.3

(/) : Right/Left, M : Male, F : Female, U : Unable to be sexed
a) : [(Number of corpora lutea - Number of implantation) / Number of corpora lutea] × 100
b) : (Number of implantation / Number of corpora lutea) × 100
c) : (Number of delivered pups / Number of implantation) × 100
d) : (Number of live borns / Number of delivered pups) × 100
Animal No.2108 : Non-pregnancy

Delivery data
Generation : F0 Dose : 3-methoxybutan-1-ol 300 mg/kg Species : Rat

Dam No.	Gestation period (day)	Number of corpora lutea	Number of implan-tation	Preimplan-tation loss (%) a)	Implantation index (%) b)	Delivery index (%) c)	Live birth index (%) d)	Number of offspring	Number of live newborns			Number of dead newborns			
									M	F	Total	M	F	U	Total
3101	22.5	18(9/9)	18(9/9)	0.0	100.0	94.4	100.0	17	11	6	17	0	0	0	0
3102	22	13(6/7)	8(1/7)	38.5	61.5	100.0	100.0	8	3	5	8	0	0	0	0
3103	21.5	16(8/8)	15(7/8)	6.3	93.8	86.7	100.0	13	8	5	13	0	0	0	0
3104	22	16(4/12)	16(4/12)	0.0	100.0	100.0	100.0	16	10	6	16	0	0	0	0
3105	21.5	14(7/7)	14(7/7)	0.0	100.0	85.7	100.0	12	7	5	12	0	0	0	0
3106	22	17(9/8)	17(9/8)	0.0	100.0	94.1	93.8	16	8	7	15	0	1	0	1
3107	21.5	14(10/4)	14(10/4)	0.0	100.0	100.0	100.0	14	7	7	14	0	0	0	0
3108	22	19(8/11)	19(8/11)	0.0	100.0	84.2	100.0	16	9	7	16	0	0	0	0
3109	22.5	22(11/11)	21(11/10)	4.5	95.5	100.0	100.0	21	14	7	21	0	0	0	0
3110	21.5	18(10/8)	17(10/7)	5.6	94.4	100.0	100.0	17	6	11	17	0	0	0	0
3111	21.5	19(9/10)	16(7/9)	15.8	84.2	100.0	100.0	16	8	8	16	0	0	0	0
3112	22.5	17(7/10)	17(7/10)	0.0	100.0	88.2	93.3	15	6	8	14	0	1	0	1
n	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
Mean	21.9	16.9	16.0	5.9	94.1	94.4	98.9	15.1	8.1	6.8	14.9	0.0	0.2	0.0	0.2
S.D.	0.4	2.5	3.2	11.3	11.3	6.5	2.5	3.2	2.8	1.7	3.2	0.0	0.4	0.0	0.4

(/) : Right/Left, M : Male, F : Female, U : Unable to be sexed
a) : [(Number of corpora lutea - Number of implantation) / Number of corpora lutea] × 100
b) : (Number of implantation / Number of corpora lutea) × 100
c) : (Number of delivered pups / Number of implantation) × 100
d) : (Number of live borns / Number of delivered pups) × 100

Delivery data
Generation : F0 Dose : 3-methoxybutan-1-ol 1000 mg/kg Species : Rat

Dam No.	Gestation period (day)	Number of corpora lutea	Number of implan-tation	Preimplan-tation loss (%) a)	Implantation index (%) b)	Delivery index (%) c)	Live birth index (%) d)	Number of offspring	Number of live newborns			Number of dead newborns			
									M	F	Total	M	F	U	Total
4101	22	17(11/6)	17(11/6)	0.0	100.0	88.2	100.0	15	7	8	15	0	0	0	0
4102	22	16(11/5)	16(11/5)	0.0	100.0	93.8	100.0	15	9	6	15	0	0	0	0
4103	21.5	18(9/9)	17(9/8)	5.6	94.4	100.0	100.0	17	9	8	17	0	0	0	0
4104	21.5	17(6/11)	17(6/11)	0.0	100.0	94.1	100.0	16	9	7	16	0	0	0	0
4105	22	15(7/8)	15(7/8)	0.0	100.0	86.7	100.0	13	8	5	13	0	0	0	0
4106	21.5	10(5/5)	8(5/3)	20.0	80.0	75.0	100.0	6	3	3	6	0	0	0	0
4107	21.5	14(9/5)	14(9/5)	0.0	100.0	100.0	92.9	14	8	5	13	1	0	0	1
4108	22	14(6/8)	13(5/8)	7.1	92.9	100.0	100.0	13	4	9	13	0	0	0	0
4109	21.5	10(6/4)	10(6/4)	0.0	100.0	60.0	83.3	6	3	2	5	1	0	0	1
4110	21.5	15(8/7)	14(7/7)	6.7	93.3	85.7	91.7	12	5	6	11	1	0	0	1
4111	22.5	14(5/9)	14(5/9)	0.0	100.0	100.0	100.0	14	7	7	14	0	0	0	0
4112	22	18(9/9)	16(9/7)	11.1	88.9	100.0	100.0	16	9	7	16	0	0	0	0
n	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
Mean	21.8	14.8	14.3	4.2	95.8	90.3	97.3	13.1	6.8	6.1	12.8	0.3	0.0	0.0	0.3
S.D.	0.3	2.7	2.8	6.3	6.3	12.4	5.3	3.6	2.4	2.1	3.8	0.5	0.0	0.0	0.5

(/) : Right/Left, M : Male, F : Female, U : Unable to be sexed
a) : [(Number of corpora lutea - Number of implantation) / Number of corpora lutea] × 100
b) : (Number of implantation / Number of corpora lutea) × 100
c) : (Number of delivered pups / Number of implantation) × 100
d) : (Number of live borns / Number of delivered pups) × 100

Appendix 13 - 1 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

External examination of offspring Unit : Number of anomalous offspring (incidence %) Days after birth : 0

Generation : F0 Dose : 3-methoxybutan-1-ol 0 mg/kg Species : Rat

Dam No.	Number of offspring examined	/Findings	Number of offspring with any anomaly (%)a)
1101	14	No anomaly	0 (0.0)
1102	15	No anomaly	0 (0.0)
1103	16	No anomaly	0 (0.0)
1104	14	No anomaly	0 (0.0)
1105	17	No anomaly	0 (0.0)
1106	15	No anomaly	0 (0.0)
1107	16	No anomaly	0 (0.0)
1108	15	No anomaly	0 (0.0)
1109	14	No anomaly	0 (0.0)
1110	15	No anomaly	0 (0.0)
1111	15	No anomaly	0 (0.0)
1112	14	No anomaly	0 (0.0)
Total	180		0
n	12		12
Mean			(0.0)
S.D.			(0.0)

Mean : Average of incidence (%)

a) : (Number of offspring with any anomaly / Number of offspring) x 100

Appendix 13 - 2 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

External examination of offspring Unit : Number of anomalous offspring (incidence %) Days after birth : 0

Generation : F0 Dose : 3-methoxybutan-1-ol 100 mg/kg Species : Rat

Dam No.	Number of offspring examined	/Findings	Number of offspring with any anomaly (%)a)
2101	15	No anomaly	0 (0.0)
2102	8	No anomaly	0 (0.0)
2103	15	No anomaly	0 (0.0)
2104	16	No anomaly	0 (0.0)
2105	10	No anomaly	0 (0.0)
2106	14	No anomaly	0 (0.0)
2107	17	No anomaly	0 (0.0)
2109	15	No anomaly	0 (0.0)
2110	15	No anomaly	0 (0.0)
2111	18	No anomaly	0 (0.0)
2112	16	No anomaly	0 (0.0)
Total	159		0
n	11		11
Mean			(0.0)
S.D.			(0.0)

Mean : Average of incidence (%)

a) : (Number of offspring with any anomaly / Number of offspring) x 100

Animal No. 2108 : Non-pregnancy

Appendix 13 - 3 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

External examination of offspring Unit : Number of anomalous offspring (incidence %) Days after birth : 0

Generation : F0 Dose : 3-methoxybutan-1-ol 300 mg/kg Species : Rat

Dam No.	Number of offspring examined	/Findings	Number of offspring with any anomaly (%)a)
3101	17	No anomaly	0 (0.0)
3102	8	No anomaly	0 (0.0)
3103	13	No anomaly	0 (0.0)
3104	16	No anomaly	0 (0.0)
3105	12	No anomaly	0 (0.0)
3106	16	No anomaly	0 (0.0)
3107	14	No anomaly	0 (0.0)
3108	16	No anomaly	0 (0.0)
3109	21	No anomaly	0 (0.0)
3110	17	No anomaly	0 (0.0)
3111	16	No anomaly	0 (0.0)
3112	15	No anomaly	0 (0.0)
Total	181		0
n	12		12
Mean			(0.0)
S.D.			(0.0)

Mean : Average of incidence (%)

a) : (Number of offspring with any anomaly / Number of offspring) x 100

Appendix 13 - 4 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

External examination of offspring Unit : Number of anomalous offspring (incidence %) Days after birth : 0

Generation : F0 Dose : 3-methoxybutan-1-ol 1000 mg/kg Species : Rat

Dam No.	Number of offspring examined	/Findings	Number of offspring with any anomaly (%)a)
4101	15	No anomaly	0 (0.0)
4102	15	No anomaly	0 (0.0)
4103	17	No anomaly	0 (0.0)
4104	16	No anomaly	0 (0.0)
4105	13	No anomaly	0 (0.0)
4106	6	No anomaly	0 (0.0)
4107	14	No anomaly	0 (0.0)
4108	13	No anomaly	0 (0.0)
4109	6	No anomaly	0 (0.0)
4110	12	No anomaly	0 (0.0)
4111	14	No anomaly	0 (0.0)
4112	16	No anomaly	0 (0.0)
Total	157		0
n	12		12
Mean			(0.0)
S.D.			(0.0)

Mean : Average of incidence (%)

a) : (Number of offspring with any anomaly / Number of offspring) x 100

Appendix 13 - 5 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

External examination of offspring Unit : Number of anomalous offspring Days after birth : 4

Generation : F0 Dose : 3-methoxybutan-1-ol 0 mg/kg Species : Rat

Dam No.	Number of offspring examined	/Findings
1101	14	No anomaly
1102	15	No anomaly
1103	15	No anomaly
1104	14	No anomaly
1105	17	No anomaly
1106	15	No anomaly
1107	15	No anomaly
1108	15	No anomaly
1109	10	No anomaly
1110	14	No anomaly
1111	14	No anomaly
1112	14	No anomaly
Total	172	
n	12	

Appendix 13 - 6 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

External examination of offspring Unit : Number of anomalous offspring Days after birth : 4

Generation : F0 Dose : 3-methoxybutan-1-ol 100 mg/kg Species : Rat

Dam No.	Number of offspring examined	/Findings
2101	15	No anomaly
2102	8	No anomaly
2103	15	No anomaly
2104	16	No anomaly
2105	10	No anomaly
2106	14	No anomaly
2107	17	No anomaly
2109	15	No anomaly
2110	15	No anomaly
2111	17	No anomaly
2112	16	No anomaly
Total	158	
n	11	

Animal No. 2108 : Non-pregnancy

Appendix 13 - 7 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

External examination of offspring Unit : Number of anomalous offspring Days after birth : 4

Generation : F0 Dose : 3-methoxybutan-1-ol 300 mg/kg Species : Rat

Dam No.	Number of offspring examined	/Findings
3102	8	No anomaly
3103	13	No anomaly
3104	16	No anomaly
3105	11	No anomaly
3106	15	No anomaly
3107	14	No anomaly
3108	16	No anomaly
3109	19	No anomaly
3110	17	No anomaly
3111	16	No anomaly
3112	14	No anomaly
Total	159	
n	11	

Animal No. 3101 : Died on lactation day 1

Appendix 13 - 8 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

External examination of offspring Unit : Number of anomalous offspring Days after birth : 4

Generation : F0 Dose : 3-methoxybutan-1-ol 1000 mg/kg Species : Rat

Dam No.	Number of offspring examined	/Findings
4101	14	No anomaly
4102	15	No anomaly
4103	17	No anomaly
4104	15	No anomaly
4105	12	No anomaly
4106	6	No anomaly
4107	10	No anomaly
4108	12	No anomaly
4109	5	No anomaly
4110	11	No anomaly
4111	13	No anomaly
4112	16	No anomaly
Total	146	
n	12	

Appendix 14 - 1

3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats

Study No. : R-1192

Viability index and sex ratio of offspring on day 4 after birth

Generation : F0 | Dose : 3-methoxybutan-1-ol 0 mg/kg | Species : Rat

Dam No.	Number of live offspring		Viability index	Day 4 Number of live offspring		Sex ratio
	Day 0	Day 4	(%)a)	Male	Female	(%)b)
1101	14	14	100.0	6	8	
1102	15	15	100.0	8	7	
1103	16	15	93.8	9	6	
1104	14	14	100.0	4	10	
1105	17	17	100.0	10	7	
1106	15	15	100.0	9	6	
1107	15	15	100.0	9	6	
1108	15	15	100.0	8	7	
1109	14	10	71.4	3	7	
1110	15	14	93.3	10	4	
1111	14	14	100.0	8	6	
1112	14	14	100.0	3	11	
n	12	12	12			87/172
Mean	14.8	14.3	96.5			50.6
S.D.	0.9	1.6	8.3			

a) : (Number of live offspring on day 4 after birth / Number of live newborns) × 100

b) : (Number of live males on day 4 after birth / Number of live offspring on day 4 after birth) × 100

Appendix 14 - 2

3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats

Study No. : R-1192

Viability index and sex ratio of offspring on day 4 after birth

Generation : F0 | Dose : 3-methoxybutan-1-ol 100 mg/kg | Species : Rat

Dam No.	Number of live offspring Day 0	Number of live offspring Day 4	Viability index (%)a)	Day 4 Number of live offspring Male	Day 4 Number of live offspring Female	Sex ratio (%)b)
2101	15	15	100.0	6	9	
2102	8	8	100.0	5	3	
2103	15	15	100.0	11	4	
2104	16	16	100.0	5	11	
2105	10	10	100.0	6	4	
2106	14	14	100.0	9	5	
2107	17	17	100.0	8	9	
2109	15	15	100.0	7	8	
2110	15	15	100.0	7	8	
2111	17	17	100.0	5	12	
2112	16	16	100.0	6	10	
n	11	11	11			75/158
Mean	14.4	14.4	100.0			47.5
S.D.	2.8	2.8	0.0			

a) : (Number of live offspring on day 4 after birth / Number of live newborns) × 100

b) : (Number of live males on day 4 after birth / Number of live offspring on day 4 after birth) × 100

Animal No. 2108 : Non-pregnancy

Appendix 14 - 3

3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats

Study No. : R-1192

Viability index and sex ratio of offspring on day 4 after birth

Generation : F0 | Dose : 3-methoxybutan-1-ol 300 mg/kg | Species : Rat

Dam No.	Number of live offspring Day 0	Number of live offspring Day 4	Viability index (%)a)	Day 4 Number of live offspring Male	Day 4 Number of live offspring Female	Sex ratio (%)b)
3102	8	8	100.0	3	5	
3103	13	13	100.0	8	5	
3104	16	16	100.0	10	6	
3105	12	11	91.7	6	5	
3106	15	15	100.0	8	7	
3107	14	14	100.0	7	7	
3108	16	16	100.0	9	7	
3109	21	19	90.5	12	7	
3110	17	17	100.0	6	11	
3111	16	16	100.0	8	8	
3112	14	14	100.0	6	8	
n	11	11	11			83/159
Mean	14.7	14.5	98.4			52.2
S.D.	3.3	3.0	3.6			

a) : (Number of live offspring on day 4 after birth / Number of live newborns) × 100

b) : (Number of live males on day 4 after birth / Number of live offspring on day 4 after birth) × 100

Animal No. 3101 : Died on lactation day 1

Appendix 14 - 4

3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats

Study No. : R-1192

Viability index and sex ratio of offspring on day 4 after birth

Generation : F0 Dose : 3-methoxybutan-1-ol 1000 mg/kg Species : Rat

Dam No.	Number of live offspring Day 0	Number of live offspring Day 4	Viability index (%)a)	Day 4 Number of live offspring Male	Day 4 Number of live offspring Female	Sex ratio (%)b)
4101	15	14	93.3	7	7	
4102	15	15	100.0	9	6	
4103	17	17	100.0	9	8	
4104	16	15	93.8	8	7	
4105	13	12	92.3	7	5	
4106	6	6	100.0	3	3	
4107	13	10	76.9	6	4	
4108	13	12	92.3	3	9	
4109	5	5	100.0	3	2	
4110	11	11	100.0	5	6	
4111	14	13	92.9	7	6	
4112	16	16	100.0	9	7	
n	12	12	12			76/146
Mean	12.8	12.2	95.1			52.1
S.D.	3.8	3.7	6.7			

a) : (Number of live offspring on day 4 after birth / Number of live newborns) × 100

b) : (Number of live males on day 4 after birth / Number of live offspring on day 4 after birth) × 100

Body weight of offspring
Generation : F0 Dose : 3-methoxybutan-1-ol 0 mg/kg Unit : g Species : Rat
/Days after birth

		0		4/Pre-culled	
Dam No.	Sex	n	B.W.	n	B.W.
1101	Male	6	6.8	6	10.7
	Female	8	6.3	8	9.8
1102	Male	8	6.6	8	11.0
	Female	7	6.2	7	10.5
1103	Male	10	6.8	9	10.5
	Female	6	6.0	6	9.0
1104	Male	4	6.3	4	10.0
	Female	10	6.0	10	9.2
1105	Male	10	6.4	10	9.0
	Female	7	5.9	7	8.3
1106	Male	9	6.7	9	10.6
	Female	6	6.7	6	9.9
1107	Male	9	6.3	9	10.1
	Female	6	5.6	6	8.9
1108	Male	8	6.6	8	9.7
	Female	7	6.5	7	8.7
1109	Male	4	6.5	3	9.4
	Female	10	6.1	7	8.2
1110	Male	11	6.7	10	10.8
	Female	4	6.7	4	10.8
1111	Male	8	7.0	8	10.4
	Female	6	6.7	6	9.6
1112	Male	3	6.5	3	10.2
	Female	11	6.1	11	9.5
n	Male	90		87	
	Female	88		85	
Mean	Male		6.6		10.2
	Female		6.2		9.4
S.D.	Male		0.2		0.6
	Female		0.4		0.8

Body weight of offspring
Generation : F0 Dose : 3-methoxybutan-1-ol 100 mg/kg Unit : g Species : Rat
/Days after birth

		0		4/Pre-culled	
Dam No.	Sex	n	B.W.	n	B.W.
2101	Male	6	6.4	6	9.5
	Female	9	6.0	9	9.0
2102	Male	5	7.1	5	13.6
	Female	3	6.9	3	12.7
2103	Male	11	5.8	11	9.0
	Female	4	5.4	4	8.7
2104	Male	5	6.6	5	10.7
	Female	11	6.2	11	10.0
2105	Male	6	6.5	6	11.1
	Female	4	6.1	4	10.7
2106	Male	9	6.9	9	10.8
	Female	5	6.8	5	10.2
2107	Male	8	6.7	8	9.0
	Female	9	6.3	9	8.9
2109	Male	7	6.8	7	9.6
	Female	8	6.6	8	9.3
2110	Male	7	5.7	7	8.5
	Female	8	5.4	8	8.0
2111	Male	5	6.7	5	10.2
	Female	12	6.4	12	9.9
2112	Male	6	6.7	6	10.4
	Female	10	6.1	10	10.0
n	Male	75		75	
	Female	83		83	
Mean	Male		6.5		10.2
	Female		6.2		9.8
S.D.	Male		0.4		1.4
	Female		0.5		1.2

Animal No.2108 : Non-pregnancy

Body weight of offspring
Generation : F0 Dose : 3-methoxybutan-1-ol 300 mg/kg Unit : g Species : Rat
/Days after birth

		0		4/Pre-culled	
Dam No.	Sex	n	B.W.	n	B.W.
3101	Male	11	6.4	a)	
	Female	6	6.3	a)	
3102	Male	3	6.0	3	10.8
	Female	5	6.0	5	10.8
3103	Male	8	6.5	8	10.7
	Female	5	6.3	5	10.3
3104	Male	10	6.1	10	9.6
	Female	6	5.9	6	9.4
3105	Male	7	5.9	6	10.4
	Female	5	5.6	5	9.8
3106	Male	8	6.0	8	9.8
	Female	7	5.8	7	10.1
3107	Male	7	6.4	7	9.2
	Female	7	6.2	7	8.9
3108	Male	9	6.5	9	9.7
	Female	7	6.0	7	9.1
3109	Male	14	6.0	12	8.7
	Female	7	5.9	7	8.3
3110	Male	6	5.8	6	8.3
	Female	11	5.5	11	7.8
3111	Male	8	5.8	8	8.8
	Female	8	5.7	8	8.7
3112	Male	6	7.3	6	12.1
	Female	8	6.8	8	11.7
n	Male	97		83	
	Female	82		76	
Mean	Male		6.2		9.8
	Female		6.0		9.5
S.D.	Male		0.4		1.1
	Female		0.4		1.1

a) : Dam died on lactation day 1

Body weight of offspring
Generation : F0 Dose : 3-methoxybutan-1-ol 1000 mg/kg Unit : g Species : Rat
/Days after birth

		0		4/Pre-culled	
Dam No.	Sex	n	B.W.	n	B.W.
4101	Male	7	5.9	7	9.7
	Female	8	5.3	7	8.7
4102	Male	9	6.7	9	10.8
	Female	6	6.4	6	10.3
4103	Male	9	5.8	9	8.0
	Female	8	5.5	8	7.5
4104	Male	9	5.7	8	8.5
	Female	7	5.4	7	7.8
4105	Male	8	7.3	7	11.7
	Female	5	6.8	5	11.8
4106	Male	3	8.0	3	12.8
	Female	3	7.7	3	13.0
4107	Male	8	5.3	6	7.7
	Female	5	5.2	4	7.8
4108	Male	4	6.7	3	11.6
	Female	9	6.6	9	10.9
4109	Male	3	6.7	3	11.0
	Female	2	7.0	2	11.6
4110	Male	5	6.2	5	10.4
	Female	6	5.8	6	9.8
4111	Male	7	7.5	7	10.5
	Female	7	6.9	6	9.8
4112	Male	9	6.0	9	9.0
	Female	7	5.7	7	8.0
n	Male	81		76	
	Female	73		70	
Mean	Male		6.5		10.1
	Female		6.2		9.8
S.D.	Male		0.8		1.6
	Female		0.8		1.8

Body weight gain of offspring
Generation : F0 Dose : 3-methoxybutan-1-ol 0 mg/kg Base : Day 4 after birth
Unit : g Species : Rat

Dam No.	Sex	/Days after birth /Before culling n	0-4
1101	Male	6	3.9
	Female	8	3.5
1102	Male	8	4.4
	Female	7	4.3
1103	Male	9	3.7
	Female	6	3.0
1104	Male	4	3.7
	Female	10	3.2
1105	Male	10	2.6
	Female	7	2.4
1106	Male	9	3.9
	Female	6	3.2
1107	Male	9	3.8
	Female	6	3.3
1108	Male	8	3.1
	Female	7	2.2
1109	Male	3	2.9
	Female	7	2.1
1110	Male	10	4.1
	Female	4	4.1
1111	Male	8	3.4
	Female	6	2.9
1112	Male	3	3.7
	Female	11	3.4
n	Male	87	
	Female	85	
Mean	Male		3.6
	Female		3.1
S.D.	Male		0.5
	Female		0.7

Body weight gain of offspring
Generation : F0 Dose : 3-methoxybutan-1-ol 100 mg/kg Base : Day 4 after birth
Unit : g Species : Rat

Dam No.	Sex	/Days after birth /Before culling n	0-4
2101	Male	6	3.1
	Female	9	3.0
2102	Male	5	6.5
	Female	3	5.8
2103	Male	11	3.2
	Female	4	3.3
2104	Male	5	4.1
	Female	11	3.8
2105	Male	6	4.6
	Female	4	4.6
2106	Male	9	3.9
	Female	5	3.4
2107	Male	8	2.3
	Female	9	2.6
2109	Male	7	2.8
	Female	8	2.7
2110	Male	7	2.8
	Female	8	2.6
2111	Male	5	3.5
	Female	12	3.5
2112	Male	6	3.7
	Female	10	3.9
n	Male	75	
	Female	83	
Mean	Male		3.7
	Female		3.6
S.D.	Male		1.1
	Female		1.0

Animal No.2108 : Non-pregnancy

Body weight gain of offspring
Generation : F0 Dose : 3-methoxybutan-1-ol 300 mg/kg Base : Day 4 after birth
Unit : g Species : Rat

Dam No.	Sex	/Days after birth /Before culling n	0-4
3102	Male	3	4.8
	Female	5	4.8
3103	Male	8	4.2
	Female	5	4.0
3104	Male	10	3.5
	Female	6	3.5
3105	Male	6	4.5
	Female	5	4.2
3106	Male	8	3.8
	Female	7	4.3
3107	Male	7	2.8
	Female	7	2.7
3108	Male	9	3.2
	Female	7	3.1
3109	Male	12	2.7
	Female	7	2.4
3110	Male	6	2.5
	Female	11	2.3
3111	Male	8	3.0
	Female	8	3.0
3112	Male	6	4.8
	Female	8	4.9
n	Male	83	
	Female	76	
Mean	Male		3.6
	Female		3.6
S.D.	Male		0.9
	Female		0.9

Animal No.3101 : Died on lactation day 1

Body weight gain of offspring
Generation : F0 Dose : 3-methoxybutan-1-ol 1000 mg/kg Base : Day 4 after birth
Unit : g Species : Rat

Dam No.	Sex	/Days after birth /Before culling n	0-4
4101	Male	7	3.8
	Female	7	3.4
4102	Male	9	4.1
	Female	6	3.9
4103	Male	9	2.2
	Female	8	2.0
4104	Male	8	2.8
	Female	7	2.4
4105	Male	7	4.4
	Female	5	5.0
4106	Male	3	4.8
	Female	3	5.3
4107	Male	6	2.4
	Female	4	2.6
4108	Male	3	4.9
	Female	9	4.3
4109	Male	3	4.3
	Female	2	4.6
4110	Male	5	4.2
	Female	6	4.0
4111	Male	7	3.0
	Female	6	2.9
4112	Male	9	3.0
	Female	7	2.3
n	Male	76	
	Female	70	
Mean	Male		3.7
	Female		3.6
S.D.	Male		0.9
	Female		1.1

Appendix 16 - 1 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

External examination of dead offspring Unit : Number of anomalous offspring

Generation : F0 Dose : 3-methoxybutan-1-ol 0 mg/kg Species : Rat

Dam No.	Number of offspring examined	/Findings
1101	0	
1102	0	
1103	1	No anomaly
1104	0	
1105	0	
1106	0	
1107	0	
1108	0	
1109	0	
1110	0	
1111	0	
1112	0	
Total	1	
n	12	

Appendix 16 - 2 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

External examination of dead offspring Unit : Number of anomalous offspring

Generation : F0 Dose : 3-methoxybutan-1-ol 100 mg/kg Species : Rat

Dam No.	Number of offspring examined	/Findings
2101	0	
2102	0	
2103	0	
2104	0	
2105	0	
2106	0	
2107	0	
2109	0	
2110	0	
2111	0	
2112	0	
Total	0	
n	11	

Animal No. 2108 : Non-pregnancy

Appendix 16 - 3 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

External examination of dead offspring Unit : Number of anomalous offspring

Generation : F0 Dose : 3-methoxybutan-1-ol 300 mg/kg Species : Rat

Dam No.	Number of offspring examined	/Findings
3101	0	
3102	0	
3103	0	
3104	0	
3105	0	
3106	0	
3107	0	
3108	0	
3109	1	No anomaly
3110	0	
3111	0	
3112	0	
Total	1	
n	12	

Appendix 16 - 4 3-methoxybutan-1-ol: An oral combined repeated dose toxicity study with the reproduction/developmental toxicity screening test in rats Study No. : R-1192

External examination of dead offspring Unit : Number of anomalous offspring

Generation : F0 Dose : 3-methoxybutan-1-ol 1000 mg/kg Species : Rat

Dam No.	Number of offspring examined	/Findings
4101	1	No anomaly
4102	0	
4103	0	
4104	1	No anomaly
4105	0	
4106	0	
4107	0	
4108	1	No anomaly
4109	0	
4110	0	
4111	1	No anomaly
4112	0	
Total	4	
n	12	

信頼性保証書（1/4）

試験番号　：　R-1192

試験表題　：　3-メトキシ-n-ブタノール: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を遵守し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致しました。

2017 年 3 月 30 日
株式会社ボゾリサーチセンター
信頼性保証部門 [redacted]

試験における調査

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]	2016 年　9 月 27 日	2016 年　9 月 27 日
試験計画書変更書（1）		2016 年 10 月 11 日	2016 年 10 月 11 日
作業予定表・コンピュータプロトコール		2016 年 10 月 12 日	2016 年 10 月 12 日
改善確認		2016 年 10 月 14 日	2016 年 10 月 14 日
調製・保存（被験物質）		2016 年 10 月 13 日	2016 年 10 月 14 日
投与液の濃度確認		2016 年 10 月 13 日	2016 年 10 月 14 日
投与液の濃度確認（再）		2016 年 10 月 13 日	2016 年 10 月 14 日
群分け		2016 年 10 月 17 日	2016 年 10 月 17 日
試験計画書変更書（2）		2016 年 10 月 17 日	2016 年 10 月 18 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
体重・摂餌量測定・投与・一般状態の観察・腟垢検査	[redacted]	2016年 10月 18日	2016年 10月 18日
詳細な一般状態の観察		2016年 10月 19日	2016年 10月 19日
調製（被験物質：再）		2016年 10月 20日	2016年 10月 21日
交配		2016年 11月 2日	2016年 11月 2日
機能検査・握力・自発運動量の測定		2016年 11月 23日	2016年 11月 24日
分娩・哺育観察・体重測定		2016年 11月 24日	2016年 11月 24日
尿検査（尿量・色調・定性・沈渣）		2016年 11月 25日	2016年 11月 26日
採血・剖検		2016年 11月 28日	2016年 11月 28日
病理組織学検査（切り出し）		2016年 12月 8日	2016年 12月 9日
被験物質の安定性		2016年 12月 12日	2016年 12月 12日
試験計画書変更書（3）		2017年 3月 1日	2017年 3月 1日
生データ		2017年 3月 6日	
		2017年 3月 7日	
		2017年 3月 9日	
		2017年 3月 10日	
		2017年 3月 13日	
		2017年 3月 28日	
		2017年 3月 29日	2017年 3月 29日
改善確認		2017年 3月 30日	2017年 3月 30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]	2017年　3月　6日	
		2017年　3月　7日	
		2017年　3月　8日	
		2017年　3月　9日	
		2017年　3月 10日	
		2017年　3月 11日	
		2017年　3月 13日	
		2017年　3月 25日	2017年　3月 25日
改善確認		2017年　3月 27日	2017年　3月 28日
最終報告書草案		2017年　3月 23日	
		2017年　3月 24日	
		2017年　3月 25日	
		2017年　3月 27日	2017年　3月 28日
改善確認		2017年　3月 30日	2017年　3月 30日
最終報告書		2017年　3月 30日	2017年　3月 30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-8043	[redacted]	2016年　8月　8日	2016年　8月　8日
検疫・馴化	B-8043		2016年　8月　8日	2016年　8月　8日
	B-8043		2016年　8月 15日	2016年　8月 15日
尿検査 （浸透圧・電解質）	B-8044		2016年 10月 17日	2016年 10月 17日
血液学検査・ 血液化学検査	B-8123		2016年 10月 13日	2016年 10月 14日
病理組織学検査 （包埋・薄切・染色）	B-8082		2016年 10月　3日	2016年 10月　3日
	B-8082		2016年 10月　4日	2016年 10月　4日
	B-8082		2016年 10月　6日	2016年 10月　7日
	R-1192		2017年　1月　4日	2017年　1月　4日
	R-1192		2017年　1月　5日	2017年　1月　6日
	R-1192		2017年　1月　6日	2017年　1月　6日