最終報告書

表　　題：1-メトキシ-3- (3-メトキシプロポキシ) プロパンのラットにおける反復投与毒性・生殖発生毒性併合試験

試験番号：SR21144

株式会社化合物安全性研究所

試験責任者の署名

表　　題：1-メトキシ-3-(3-メトキシプロポキシ) プロパンのラットにおける反復投与毒性・生殖発生毒性併合試験

試験番号：SR21144

株式会社化合物安全性研究所

試験責任者 [redacted] 2022 年 3 月 23 日

陳述書

表　　題：1-メトキシ-3-(3-メトキシプロポキシ) プロパンのラットにおける反復投与毒性・生殖発生毒性併合試験

試験番号：SR21144

本試験は，GLP 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について」(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 厚生労働省医薬食品局長・経済産業省製造産業局長・環境省総合環境政策局長連名通知) を遵守して実施した.

本試験に用いた試験方法は，試験法ガイドライン「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 厚生労働省医薬食品局長・経済産業省製造産業局長・環境省総合環境政策局長連名通知) ならびに「新規化学物質等に係る試験の方法について」の一部改正について (令和2年11月5日薬生発1105第 2 号・20201015 製局第 1 号・環保企発第 2011055 号 厚生労働省医薬・生活衛生局長・経済産業省製造産業局長・環境省大臣官房環境保健部長連名通知) に準拠した.

株式会社化合物安全性研究所

試験責任者 [redacted] 2022 年 3 月 23 日

信頼性保証書

表題　　：1-メトキシ-3-(3-メトキシプロポキシ) プロパンのラットにおける反復投与毒性・生殖発生毒性併合試験

試験番号　：SR21144

本試験は，株式会社化合物安全性研究所 QAU によって，下記のとおり査察された．

査察段階	査察日	試験責任者への報告日	運営管理者への報告日
試験計画書	2021 年10 月 12 日	2021 年10 月 12 日	2021 年10 月 12 日
コンピュータプロトコール	2021 年10 月 13 日	2021 年10 月 13 日	2021 年10 月 13 日
コンピュータプロトコール*	2021 年10 月 13 日	2021 年10 月 13 日	2021 年10 月 13 日
動物受入・検疫・馴化	2021 年10 月 13 日	2021 年10 月 13 日	2021 年10 月 13 日
試験計画書変更書 (No.1)	2021 年10 月 21 日	2021 年10 月 21 日	2021 年10 月 21 日
被験物質の管理	2021 年10 月 29 日	2021 年10 月 29 日	2021 年10 月 29 日
投与液の調製	2021 年10 月 29 日	2021 年10 月 29 日	2021 年10 月 29 日
投与液の送付	2021 年10 月 29 日	2021 年10 月 29 日	2021 年10 月 29 日
被験物質の管理*	2021 年11 月　1 日	2021 年11 月　1 日	2021 年11 月　1 日
試験計画書変更書 (No.2)	2021 年11 月　2 日	2021 年11 月　4 日	2021 年11 月　4 日
群分け	2021 年11 月　2 日	2021 年11 月　4 日	2021 年11 月　4 日
投与	2021 年11 月　3 日	2021 年11 月　4 日	2021 年11 月　4 日
一般状態観察	2021 年11 月　3 日	2021 年11 月　4 日	2021 年11 月　4 日
体重測定	2021 年11 月　3 日	2021 年11 月　4 日	2021 年11 月　4 日
摂餌量測定	2021 年11 月　3 日	2021 年11 月　4 日	2021 年11 月　4 日
性周期検査	2021 年11 月　3 日	2021 年11 月　4 日	2021 年11 月　4 日
詳細な状態観察	2021 年11 月　9 日	2021 年11 月　9 日	2021 年11 月　9 日
生殖能検査 (交配)	2021 年11 月 16 日 2021 年11 月 17 日	2021 年11 月 17 日	2021 年11 月 17 日
被験物質のサンプリング	2021 年11 月 24 日	2021 年11 月 24 日	2021 年11 月 24 日
機能検査	2021 年11 月 24 日	2021 年11 月 24 日	2021 年11 月 24 日
尿検査	2021 年11 月 28 日 2021 年11 月 29 日	2021 年11 月 29 日	2021 年11 月 29 日
採血	2021 年12 月　1 日	2021 年12 月　1 日	2021 年12 月　1 日
剖検・器官重量測定	2021 年12 月　1 日	2021 年12 月　1 日	2021 年12 月　1 日
血液学的検査	2021 年12 月　1 日 2021 年12 月　2 日	2021 年12 月　2 日	2021 年12 月　2 日
血液化学的検査	2021 年12 月　1 日 2021 年12 月　3 日	2021 年12 月　3 日	2021 年12 月　3 日
分娩および哺育状態観察	2021 年12 月　9 日	2021 年12 月　9 日	2021 年12 月　9 日

査察段階	査察日	試験責任者への報告日	運営管理者への報告日
新生児の一般状態観察	2021年12月 9日	2021年12月 9日	2021年12月 9日
新生児の体重測定	2021年12月 9日	2021年12月 9日	2021年12月 9日
哺育児数の調整	2021年12月13日	2021年12月13日	2021年12月13日
肛門生殖突起間距離の計測	2021年12月13日	2021年12月13日	2021年12月13日
血液化学的検査	2021年12月16日	2021年12月16日	2021年12月16日
病理組織学的検査 (標本作製)	2021年12月 9日 2021年12月13日 2021年12月21日 2021年12月22日	2021年12月22日	2021年12月22日
乳頭数の計測	2021年12月22日	2021年12月22日	2021年12月22日
新生児の血清採取	2021年12月22日	2021年12月22日	2021年12月22日
新生児の剖検	2021年12月22日	2021年12月22日	2021年12月22日
病理組織学的検査 (鏡検)	2022年 1月 4日	2022年 1月 4日	2022年 1月 4日
試験計画書変更書 (No.3)	2022年 2月24日	2022年 2月24日	2022年 2月24日
生データ	2022年 3月 8日 2022年 3月 9日 2022年 3月11日	2022年 3月11日	2022年 3月11日
最終報告書 (草案)：図表	2022年 3月 8日 2022年 3月 9日 2022年 3月11日	2022年 3月11日	2022年 3月11日
生データ*	2022年 3月18日	2022年 3月18日	2022年 3月18日
最終報告書 (草案)：図表*	2022年 3月18日	2022年 3月18日	2022年 3月18日
最終報告書 (草案)：本文	2022年 3月18日	2022年 3月18日	2022年 3月18日
最終報告書	2022年 3月23日	2022年 3月23日	2022年 3月23日

*：改善内容の確認

本試験は，「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について」(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 厚生労働省医薬食品局長・経済産業省製造産業局長・環境省総合環境政策局長連名通知) に従い実施された．

本試験は，試験計画書に従って実施され，また，本報告書には当該試験に使用した方法および手順が正確に記載されており，試験成績には当該試験の実施過程において得られた生データが正確に反映していることを確認した．試験場所で実施された被験物質の安定性，投与液の安定性および濃度分析に関しては，試験場所信頼性保証部門責任者からの調査報告および信頼性保証書を確認し，試験全体の信頼性に問題がないことを確認した．

株式会社化合物安全性研究所
主信頼性保証部門責任者

[redacted] 2022 年 3 月 23 日

目次

頁

表紙 …… 1
試験責任者の署名 …… 2
陳述書 …… 3
信頼性保証書 …… 4
目次 …… 7
表題 …… 10
試験番号 …… 10
試験目的 …… 10
試験実施基準および試験法ガイドライン …… 10
動物愛護 …… 10
試験委託者 …… 11
試験施設 …… 11
試験責任者 …… 11
試験従事者およびその業務分担 …… 11
試験日程 …… 12
1 要約 …… 13
2 緒言 …… 14
3 材料および方法 …… 14
4 成績 …… 34
5 考察 …… 44
6 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 …… 45
7 資料の保存 …… 46
8 参考資料 …… 46

Figures

1-1 ~ 1-3 Body weight …… 47
2-1 ~ 2-3 Food consumption …… 50
3 Body weight of offspring …… 53

Tables

1-1 ~ 1-8 Clinical sign …… 54
2-1 ~ 2-6 Detailed clinical observation (in the cage) …… 62
3-1 ~ 3-6 Detailed clinical observation (on the hand) …… 68
4-1 ~ 4-6 Detailed clinical observation (in the open field) …… 74

5-1 ~ 5-4 Functional observations (on the desk) ····· 80
6-1 ~ 6-4 Grip strength ····· 84
7-1 ~ 7-4 Motor activity measurements ····· 88
8-1 ~ 8-7 Body weight ····· 92
9-1 ~ 9-7 Food consumption ····· 99
10-1 ~ 10-21 Urinary findings ····· 106
11-1 ~ 11-5 Hematological findings ····· 127
12-1 ~ 12-7 Biochemical findings ····· 132
13-1 ~ 13-5 Serum T4 concentration ····· 139
14-1 ~ 14-6 Necropsy findings ····· 144
15-1 ~ 15-7 Organ weight ····· 150
16-1 ~ 16-22 Histopathological findings ····· 157
17 Estrous cycles ····· 179
18-1, 18-2 Reproductive performance ····· 180
19-1, 19-2 Delivery data ····· 182
20 Clinical sign of offspring ····· 184
21 Litter size and viability index of offspring ····· 185
22 Litter data on body weight of offspring ····· 186
23 Litter data on anogenital distance of offspring ····· 187
24 Litter data on nipple retention of male offspring ····· 188
25 Serum T4 concentration of offspring ····· 189
26 Necropsy findings of offspring ····· 190
Appendices
1-1 ~ 1-28 Clinical sign ····· 191
2-1 ~ 2-70 Detailed clinical observation (in the cage) ····· 219
3-1 ~ 3-70 Detailed clinical observation (on the hand) ····· 289
4-1 ~ 4-70 Detailed clinical observation (in the open field) ····· 359
5-1 ~ 5-12 Functional observations (on the desk) ····· 429
6-1 ~ 6-12 Grip strength ····· 441
7-1 ~ 7-12 Motor activity measurements ····· 453
8-1 ~ 8-22 Body weight ····· 465
9-1 ~ 9-22 Food consumption ····· 487
10-1 ~ 10-30 Urinary findings ····· 509

11-1 ~ 11-14 Hematological findings ……539
12-1 ~ 12-14 Biochemical findings……553
13-1 ~ 13-14 Serum T4 concentration ……567
14-1 ~ 14-15 Necropsy findings ……581
15-1 ~ 15-20 Organ weight ……596
16-1 ~ 16-25 Histopathological findings ……616
17-1 ~ 17-8 Estrous cycles and copulation ……641
18-1 ~ 18-8 Reproductive performance ……649
19-1 ~ 19-8 Delivery data ……657
20-1 ~ 20-16 Clinical sign of offspring ……665
21-1 ~ 21-4 Litter size and viability index of offspring ……681
22-1 ~ 22-4 Litter data on body weight of offspring ……685
23-1 ~ 23-4 Litter data on anogenital distance of offspring……689
24-1 ~ 24-4 Litter data on nipple retention of male offspring ……693
25-1 ~ 25-4 Serum T4 concentration of offspring ……697
26-1 ~ 26-4 Necropsy findings of offspring ……701
Annexes
1 検査成績書：ジプロピレングリコールジメチルエーテル (異性体混合物)…… 705
2 調製液中の 1-メトキシ-3- (3-メトキシプロポキシ) プロパンの安定性試験および濃度確認試験：試験場所報告書 …… 706
最終頁 740

表題

1-メトキシ-3- (3-メトキシプロポキシ) プロパンのラットにおける反復投与毒性･生殖発生毒性併合試験

試験番号

SR21144

試験目的

1-メトキシ-3- (3-メトキシプロポキシ) プロパンを雌雄ラットに反復経口投与してその毒性ならびに性腺機能，交尾行動，受胎および分娩等の生殖に及ぼす毒性を検討した．加えて，28 日間の反復投与終了後 14 日間の休薬による毒性の回復性についても検討した．

試験実施基準および試験法ガイドライン

試験実施基準 (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について」(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 厚生労働省医薬食品局長・経済産業省製造産業局長・環境省総合環境政策局長連名通知)

試験法ガイドライン :「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 厚生労働省医薬食品局長・経済産業省製造産業局長・環境省総合環境政策局長連名通知) ならびに「新規化学物質等に係る試験の方法について」の一部改正について (令和 2 年 11 月 5 日薬生発 1105 第 2 号・20201015 製局第 1 号・環保企発第 2011055 号 厚生労働省医薬・生活衛生局長・経済産業省製造産業局長・環境省大臣官房環境保健部長連名通知)

動物愛護

法規および基準等 :「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，最終改正 令和元年 6 月 19 日 法律第 39 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，最終改正 平成 25 年 8 月 30 日 環境省告示第 84 号)

「動物実験に関する指針」(昭和 62 年 5 月 22 日承認 社団法人日本実験動物学会)

「厚生労働省の所管する実施機関における動物実験等の実施に関する

基本指針について」(平成 18 年 6 月 1 日 科発 0601001 号, 最終改正 平成 27 年 2 月 20 日 科発 0220 第 1 号)

動物実験倫理 : 本試験は，動物実験の必要性および苦痛の軽減等について試験施設の動物実験倫理委員会により審議され，運営管理者の承認を得ており，試験施設の動物実験倫理規定に準拠して実施した.

試験委託者

名称 : 厚生労働省 医薬・生活衛生局

所在地 : 東京都千代田区霞が関 1-2-2 (〒100-8916)

担当者 : 医薬品審査管理課化学物質安全対策室

[redacted]

試験施設

名称 : 株式会社化合物安全性研究所

所在地 : 札幌市清田区真栄 363 番 24 (〒004-0839)

運営管理者 : [redacted]

試験場所 (被験物質の安定性，投与液の安定性および濃度分析)

名称 : 株式会社日曹分析センター 小田原事業所

所在地 : 神奈川県小田原市高田 345 (〒250-0216)

試験場所管理責任者 : [redacted]

試験責任者

氏名 : [redacted]

所属 : 株式会社化合物安全性研究所 安全性研究部

試験従事者およびその業務分担

試験主任者 : [redacted]

被験物質の調製 : [redacted]

検疫・馴化 : [redacted]

投与・観察・測定 : [redacted]

臨床検査　　：[redacted]

病理検査　　：

試験日程

試験開始日　　：2021 年 10 月 12 日

動物受入　　：2021 年 10 月 13 日

群分け　　：2021 年 11 月 2 日

投与開始 (実験開始)　：2021 年 11 月 3 日

交配開始　　：2021 年 11 月 16 日

雄動物およびサテライト群雌動物投与終了：

2021 年 11 月 30 日

雄動物およびサテライト群雌動物 (投与終了時剖検例) 剖検：

2021 年 12 月 1 日

母動物分娩開始　　：2021 年 12 月 8 日

生後 4 日児数調整開始：2021 年 12 月 13 日

サテライト群雄および雌動物 (回復終了時剖検例) 剖検：

2021 年 12 月 15 日

生後 13 日新生児剖検開始：

2021 年 12 月 22 日

母動物剖検開始　　：2021 年 12 月 23 日

実験終了日　　：2022 年 2 月 28 日

試験終了日　　：2022 年 3 月 23 日

1 要約

1-メトキシ-3- (3-メトキシプロポキシ) プロパンの反復投与による影響，生殖および新生児の発生に及ぼす影響について検討する目的で，ラットにおける反復投与毒性･生殖発生毒性併合試験を実施した．1 群雌雄各 12 匹の Crl:CD(SD) ラットに，1-メトキシ-3- (3-メトキシプロポキシ) プロパンの 0 (媒体対照，精製水)，40，200 および 1000 mg/kg を，雄に対しては交配開始 14 日前から計 28 日間，雌に対しては交配前，交配および妊娠期間を含む哺育 13 日までの期間経口投与した (最長 61 日間)．また，0 (対照) および 1000 mg/kg について，雄動物は各 5 匹を選抜して 28 日間の投与終了後 14 日間の回復性を検討し，雌動物は各 10 匹の非交配群を別に設け，5 匹は 28 日間の投与終了時に剖検し，5 匹はさらに 14 日間の回復性についても検討した．

1.1 反復投与毒性

1000 mg/kg 投与群では，雌に一般状態観察で呼吸促拍，体重増加量および摂餌量に有意な低値あるいは低値傾向がみられ，被験物質投与による影響と考えられた．雌では Ca に有意な高値がみられ，高値を示す個体が多かった．しかし，病理組織学的検査では甲状腺および腎臓に関連すると考えられる変化はみられず，サテライト群の雌では認められないことから，重篤な変化ではないと考えられた．雄では T4 濃度に有意な低値がみられたが，追加で実施した雌およびサテライト群の雄では，T4 の低値はみられなかった．さらに甲状腺あるいは下垂体の病理組織学的検査では，組織変化はみられないことから，重篤な変化とは考えられなかった．器官重量では雌雄の肝臓に有意な高値がみられ，病理組織学的検査では，主試験群雌およびサテライト群 (非交配群) 雌で小葉中心性肝細胞肥大の発生頻度の有意な増加がみられたが，雄ではこの変化は認められなかった．雌においても変化の程度は軽微であり，薬物代謝酵素誘導による適応反応と考えられ，可逆的変化と考えられた．また，雄の腎臓重量に有意な高値がみられ，病理組織学的検査では，近位尿細管上皮の好酸性小体の発生頻度の有意な増加が観察された．この所見は，α2u-グロブリン抗体による免疫染色を施した結果陽性であったことから，α2u-グロブリン腎症と判断された．しかし，α2u-グロブリン腎症は雄ラットに特有な変化であることから，ヒトには外挿できないとされており，いずれも毒性影響ではないと考えられた．詳細な状態観察，機能検査，尿検査，血液学的検査，剖検には，雌雄とも被験物質投与に関連する毒性影響はみられなかった．

200 および 40 mg/kg 投与群では，いずれの各検査項目にも，雌雄とも被験物質投与に関連する毒性影響はみられなかった．

したがって，本試験条件下における 1-メトキシ-3- (3-メトキシプロポキシ) プロパンの反復投与毒性に関する無毒性量 (NOAEL) は雌雄とも 200 mg/kg/day と考えられた．

1.2 生殖発生毒性

主試験群の生殖能検査の検査では，1000 mg/kg 群まで，いずれの項目にも被験物質投与に関連する変化はみられなかった．新生児の検査では，1000 mg/kg 群で，生後 7 および 13 日の雌哺育児の体重に有意な低値がみられた．

したがって，本試験条件下における 1-メトキシ-3- (3-メトキシプロポキシ) プロパンの親動物の生殖および新生児の発生に対する無毒性量 (NOAEL) は，それぞれ 1000 および 200 mg/kg/day と考えられた．

2 緒言

この試験の目的は，1-メトキシ-3- (3-メトキシプロポキシ) プロパンを雌雄ラットへ反復投与して，一般毒性，雌生殖および新生児の発生に及ぼす影響について検討することであった．1-メトキシ-3- (3-メトキシプロポキシ) プロパンの 0 (媒体対照，精製水)，40，200 および 1000 mg/kg を，1 群雌雄各 12 匹の Crl:CD(SD) ラットに，雄に対しては計 28 日間，雌に対しては哺育 13 日までの期間経口投与した．0 および 1000 mg/kg については，雌各 10 匹の非交配群を別に設けた．28 日間の投与終了後，雄は各 5 匹を選抜して，雌は非交配群の各 5 匹について，14 日間の回復性を検討した．

3 材料および方法

3.1 被験物質

名称 : 1-メトキシ-3- (3-メトキシプロポキシ) プロパン

別名 [1)2)] : ジプロピレングリコールジメチルエーテル (異性体混合物)
Dipropylene Glycol Dimethyl Ether
DPDME

CAS 番号 : 111109-77-4

化審法官報公示番号 [1)] : (7)-1321

構造式 [2)] :

化学式 [1)2)] : $C_8H_{18}O_3$

分子量 [1)] : 162.23

物理化学的性質 [1)] : 外観；無色，澄明の液体
密度；0.904 g/mL (Annex 1)

沸点；171°C

融点；−75°C

引火点；65°C

純度　：99.5% (キャピラリーカラム GC) (異性体混合) (Annex 1)

ロット番号　：[redacted]

製造者・供給者　：

試験施設受領日　：2021 年 7 月 30 日

安定性　：投与開始前および投与終了後に FT-IR (ATR) を用いて被験物質の赤外線吸収スペクトル (IR) を，試験場所で測定した．その結果，投与期間中の被験物質は安定性が確認された (Annex 2).

保存場所および保存期間：

被験物質保存室 ; 2021 年 7 月 30 日 (試験施設受領) ~ 2021 年 12 月 29 日 (最終回調製)

保存条件　：冷蔵 (実測範囲 3.0 ~ 3.6°C)，密閉，遮光

被験物質管理責任者からの移管量：

1000 mL (風袋込み重量 1528.00 g)

使用量　：835.5853 g

取扱上の注意 [1)]　：ゴム手袋，マスクおよび保護メガネを着用した.

サンプリング　：約 5 g (実測値 5.0062 g) を採取し, 試験施設の資料保存室に保存した.

3.2 対照物質 (媒体)

名称　：精製水（日本薬局方精製水）

製造業者　：日医工株式会社

選定理由　：被験物質は水に溶けるとの情報があることから選択した.

ロット番号　：GV0100

使用/有効期限　：2024 年 5 月 31 日

保存場所および保存期間：

被験物質保存室；2021 年 10 月 21 日 (試験施設受領) ~ 2021 年 12 月 29 日 (最終回調製)

保存条件　：室温 (実測範囲 21.7 ~ 24.3°C) で保存した．開封後の残余は保存しなかった.

対照群の投与用として分注後は，被験物質調製液と同様に保存した.

被験物質管理責任者からの移管量：

1000 mL × 40 本

使用量　：1000 mL × 33 本

取扱上の注意　：特になし.

3.3 投与液の調製および化学分析

調製方法　：投与量毎に被験物質を正確に秤量し，媒体を加えて所定量にメスアップし，スターラーにて溶解させた．投与液の調製に必要な被験物質量を算出する際に，純度補正は行わなかった.

調製頻度　：調製液は 1 ~ 6 日の間隔で 15 回調製し，6 日以内に使用した.

保存場所および保存期間：

被験物質保存室;2021 年 10 月 29 日 (初回調製) ~ 2022 年 1 月 2 日 (最終回投与)

保存条件　：遮光気密容器に入れ，冷蔵 (実測範囲 3.0 ~ 3.6°C) で保存した.

調製上の注意　：ゴム手袋，マスクおよび保護メガネを着用した.

残余投与液の処置　：焼却処分するために産業廃棄物として回収した.

投与液の化学分析　：以下の分析を試験場所が実施し，分析結果を入手した．試料の試験場所への輸送の日程，濃度分析方法ならびに分析結果については，試験場所の最終報告書に示されており，Annex 2 として添付する.

投与液の安定性の確認：2 および 100 mg/mL の濃度の調製液について，冷蔵保存 6 日間 (調製日を 0 日として起算) 後，室温で 20 時間後の安定性を分析した．調製は試験場所が実施した．分析の結果，保存後の残存率が 97.3 および 98.3% (判定基準 100±15%以内) であり，冷蔵保存 6 日間+室温 20 時間の安定性が確認された (Annex 2).

投与液の濃度確認　：被験物質の全濃度に関する投与液中の濃度を，初回および雄の最終回投与に使用する調製液について分析した. 調製液は冷蔵条件下で試験場所に送付した. 分析の結果，含有率が表示濃度の 100.0 ~ 104.4% (判定基準 100±15.0%以内), RSD が 0.2 ~ 3.4% (判定基準 15%以内) の範囲内にあり，いずれの調製液の濃度も適切であることが確認された (Annex 2).

3.4 試験系

種・系統　：ラット，Crl:CD(SD)

微生物統御　：SPF

生産業者　：日本チャールス・リバー株式会社

微生物モニタリング　：動物生産業者よりデータを入手した.

動物選定理由　：ラットはこの種の試験で通常用いられている動物種であり，繁殖成績が安定していることと試験施設における背景対照データが利用できることからこの系統を選定した.

受入動物数　：雄 50 匹，雌 74 匹 (未経産)

受入動物週齢　：雌雄とも 9 週齢

出荷体重基準　：雄 270 ~ 360 g，雌 180 ~ 240 g

受入時体重範囲　：雄 305 ~ 350 g，雌 191 ~ 239 g

投与開始時週齢　：雌雄とも 12 週齢

群数　：雄 6 群，雌 8 群 (主試験群 雌雄各 4 群，サテライト群 雄 2 群，雌 非交配群 4 群)

各群動物数　：主試験群 雌雄各 12 匹，サテライト群 雌雄各 5 匹 (ただし，雄は主試験群から選抜)

3.5 検疫および馴化

期間　：検疫期間は受入日 (検疫 1 日) から検疫 6 日までの期間.
馴化期間は検疫期間を含めた群分け日までの期間.

方法　：一般状態を 1 日 1 回観察し，体重を受入時，検疫 6 日および群分け日に測定した．馴化期間中の一般状態および体重には，いずれの動物にも異常はみられなかった.

性周期検査　：雌動物について，性周期検査を膣垢スメア塗抹法により群分け日までの 14 日間実施した．検査の結果，いずれの動物にも異常はみられなかった.

3.6 群分け

馴化期間中に実施した一般状態観察，体重測定および雌の性周期検査の結果，異常はみられなかったことからすべての動物を対象とした．コンピュータシステム (MiTOX，三井 E & S システム技研株式会社) を使用して，雄 48 匹，雌 68 匹を選抜し，群分け日 (投与開始前日) の体重に基づいて層化無作為抽出法により群間で平均体重が均一になるように各群に割当てた．ただし，雌については主試験群，サテライト群それぞれの平均体重が均一になるようにした．選抜した動物の体重範囲は，雄で 416 ~ 514 g，雌で 250 ~ 294 g であり，平均体重 (雄 459.6 g，雌 270.7 g) の ±20%以内であった．群分けから外れた動物は，投与開始日に試験から除外し，試験施設の標準操作手順書 (SOP) に従って取り扱った.

3.7 動物およびケージの識別

動物　：群分け前は受入時に油性フェルトペンで尾部に印を付け，個体識別を行った．
群分け後は耳介に動物番号を入れ墨し，個体識別を行った．ただし，新生児については個体識別を行わなかった．

飼育ケージ　：群分け前は試験 No.，識別 No.，性別，ケージ No.および種 / 系統を印字したラベルを各ケージの前面に標示した．
群分け後は試験 No.，動物 No.，性別，被験物質名，用量 (経路) および種 / 系統を印字したラベルを各ケージの前面に標示した．交尾成立雌動物は上記と同様の項目を記載した新たなラベルに交換し，交尾成立日ならびに交尾成立日毎のグループ名を明記して表示した．分娩終了した雌は群分け後のラベルに交換して哺育 0 日の日付ならびに哺育 0 日毎のグループ名を明記した．

3.8 動物飼育

3.8.1 飼育環境

飼育室番号　：307 号室

温度・湿度　：22 ± 3°C (実測範囲 20 ~ 23°C)，50 ± 20% (実測範囲 45 ~ 63%)

換気回数　：10 ~ 15 回/時間

照明時間　：人工照明 12 時間 (8:00 ~ 20:00)

3.8.2 飼育器材および飼育方法

ケージの種類　：ブラケット式金属製金網床ケージ (260W × 380D × 180H mm)
ただし，交尾成立雌動物については妊娠 17 日から哺育 13 日まで同ケージの金網床を小型受皿に代えて実験動物用床敷 (ホワイトフレーク，ロット番号 210719，日本チャールス･リバー株式会社) を使用した．

1 ケージあたりの収容動物数：
検疫および馴化期間中は 2 匹ずつ，群分け後は 1 匹，交配期間中は雌雄各 1 匹，分娩後は 1 腹とした．

ケージ内動物数の選択理由：
摂餌量の例数を確保するため，および雄では闘争による傷害を避けるため，群分け後は単独飼育とした．

ケージ交換　：馴化 13 日および群分け時に実施し，その後は以下の頻度で実施した．
雄およびサテライト群雌：投与 14 日および回復 1 日

主試験群雌：交尾成立後は妊娠 0 日および 14 日ならびに哺育 7 日

受皿交換　：週 2 回以上実施した.

小型受皿の交換　：妊娠 20 日および哺育 7 日に実施した.

給餌器交換　：ケージ交換時に実施した.

自動給水装置の水抜き：雌の哺育期間を除き，週 1 回実施した.

給水器　：雄およびサテライト群の雌は尿検査時にのみ使用した．主試験群の雌は妊娠・哺育期間に使用し，2 日に 1 回交換した.

室内の清掃　：1 日 1 回実施した.

室内の消毒　：塩素系消毒薬およびヨウ素系消毒薬を 1 週間単位で交互に使用する清拭消毒を 1 日 1 回実施した.

3.8.3 飼料

種類・名称　：固型飼料，CRF-1

ロット番号　：210602，210705

製造業者　：オリエンタル酵母工業株式会社

給餌方法　：金属製給餌器を用いて自由に摂取させた.
ただし，剖検前日の夕刻からは全例を絶食させた.

汚染物質等の確認　：試験に悪影響を及ぼす恐れのある汚染物質等の有無を使用した各ロットの飼料について分析した．分析はユーロフィン・フード・テスティング株式会社 (旧名，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) (分析報告書：Nos. AR-21-JP-001131-01- JA, AR-21-JP-001241-01-JA) および飼料製造業者 (分析試験報告書：Nos. 21G03-022，21G03-035) が行い，分析データを飼料製造業者からロット毎に入手した．分析項目と許容値は試験施設の SOP に準拠した．分析の結果，いずれの項目にも許容値を超える値は認められなかった.

3.8.4 飲料水

種類　：札幌市水道水

給水方法　：自動給水装置あるいは給水器を用いて自由に摂取させた.

汚染物質等の確認　：試験に悪影響を及ぼす恐れのある汚染物質等について，2021 年 7 月 27 日および 2022 年 1 月 4 日に当該飼育室と同系列の配管の最末端 (306 号室) から試料を採取して分析した. 分析は日本衛生株式会社 (水質検査結果表：Nos. A211989，A215577) が行い，分析データを入手した．分析項目と許容値は試験施設の SOP に準拠した．分析の結果，いずれ

の項目にも許容値を超える値は認められなかった.

3.9 被験物質の投与

3.9.1 投与量の設定

投与量　　: 0 (対照), 40, 200 および 1000 mg/kg/day

設定理由　　: 先に実施した予備試験 (SR21144P)[3] (投与量 0, 100, 300 および 1000 mg/kg/day, 雌雄各 3 匹/群, 14 日間反復経口投与) の結果, 高用量の 1000 mg/kg 群では, 雌雄ともに肝臓重量の高値, 雄では総蛋白の高値が認められたが, 一般状態, 体重, 摂餌量, 血液学的検査および血液化学的検査において, 被験物質による影響はないと考えられた. 以上より, 本試験では試験法ガイドラインで限度用量とされる 1000 mg/kg/day を高用量とし, 以下公比 5 として 200 および 40 mg/kg/day をそれぞれ中用量および低用量に設定した.

3.9.2 試験群の構成

試験群の構成と各群の動物番号は以下の通りとした.

試験群	投与量 (mg/kg)	濃度 (mg/mL)	投与容量 (mL/kg)	動物数(動物番号) 雄	雌	識別
＜主試験群＞						
対照	0	0	10.0	12 (10101~10112)	12 (50151~50162)	白
低用量	40	4	10.0	12 (10201~10212)	12 (50251~50262)	緑
中用量	200	20	10.0	12 (10301~10312)	12 (50351~50362)	青
高用量	1000	100	10.0	12 (10401~10412)	12 (50451~50462)	赤
＜サテライト群＞						
対照(投与終了時剖検例)	0	0	10.0		5 (50551~50555)[b]	白
(回復終了時剖検例)	0	0	10.0	5 (10102, 10103, 10107, 10111, 10112)[a]	5 (50556~50560)[b]	白
高用量(投与終了時剖検例)	1000	200	10.0		5 (50651~50655)[b]	赤
(回復終了時剖検例)	1000	200	10.0	5 (10402, 10403, 10404, 10405, 10406)[a]	5 (50656~50660)[b]	赤

対照群には, 他の群と同様の方法で対照物質 (媒体) のみを投与した.

a : 主試験群から投与 21 日の体重に基づいて, 各群の体重の平均値に近似するように, 各群から 5 匹ずつ選抜した. ただし, 交配中の雄動物は選抜から除いた.

b : 非交配群

3.9.3 投与

投与経路　　：経口投与

投与方法　　：ディスポーザブル胃ゾンデおよびディスポーザブルシリンジを用いて強制的に胃内に投与した．

投与回数　　：1 日 1 回，連日投与した．

投与時刻　　：8：52 ~ 12：04

投与期間　　：雄；交配 14 日前より 28 日間

雌；交配前 14 日間および交尾成立までの交配期間，さらに交尾成立例は妊娠期間および分娩後 13 日 (哺育 0 日を分娩後 0 日として起算) までの期間，妊娠 25 日まで分娩が認められない交尾成立例は妊娠 25 日までの期間

サテライト群については 28 日間

回復 (休薬) 期間　　：投与期間終了後 14 日間

投与液量　　：各個体の投与液量は，投与日に最も近い測定日の体重に基づいて算出した．

投与経路，投与方法，投与回数および投与期間ならびに回復期間の選定理由：

試験法ガイドラインに準拠した．

3.10 観察，測定および検査項目

投与開始日を投与 1 日 (Day 1)，投与 28 日の翌日を回復 1 日 (Recovery Day 1) と起算し，雄動物およびサテライト群の剖検日は投与 28 日の翌日 (Day 29) および回復 14 日の翌日 (Recovery Day 15) とした．雌動物の交配後は，交尾成立日を妊娠 0 日，分娩終了日を哺育 0 日，剖検日を分娩後 14 日 (Day 14 after parturition) と規定した．

3.10.1 反復投与毒性

3.10.1.1 一般状態観察

例数　　：全例

期間　　：投与 1 日から剖検日まで

頻度　　：投与期間中は投与前および投与後の 1 日 2 回，回復期間中は午前および午後の 1 日 2 回，剖検日は 1 回観察した．

観察方法　　：個々の動物の生死，外観，行動等について観察した．異常が認められる場合は，その症状ならびに症状の発現および消失について記録した．

3.10.1.2 詳細な状態観察

例数　　：全例

時期　　：投与開始前ならびに投与 7，14，21 および 28 日
主試験群の雌については，上記に加えて投与 35，42 および 49 日
回復期間中は，回復 7 および 14 日

観察方法　　：あらかじめ定めたスコアリング基準を用いてスコア化した観察結果を記録した.

観察項目およびその方法：

[1] 体位･姿勢，呼吸状態，振戦･痙攣，常同行動 (回転・旋回)，異常行動 (自咬) をケージの外から観察した.

[2] 取り出し易さ，取扱い易さ，筋収縮性，立毛，被毛の状態，皮膚，眼･眼球および粘膜の外観，瞳孔径，流涙，流涎，その他分泌物の有無について，ケージから取り出す時に観察した.

[3] 歩行，運動協調性，環境刺激に対する反応，探索行動 (匂嗅ぎ・立上り)，排泄状態 (排尿・排糞)，常同行動 (身づくろい･くびふり)，異常行動 (後ずさり・異常発声)，攻撃性について，オープンフィールド内で観察した.

3.10.1.3 機能検査

例数　　：各群の投与 21 日の体重の平均値に近似するように選抜した雄の各群 5 例およびサテライト群 (回復終了時剖検例) の雌ならびに主試験群の雌の分娩日の早いものから順に選抜した各群 5 例.

時期　　：主試験群の雄およびサテライト群の雌は，投与 4 週 (投与 22 日) に実施した．投与 4 週の検査の結果，主試験群の雄の検査結果に有意な変化がみられたため，雄について回復 2 週の検査を実施した.
主試験群の雌は哺育 13 日に実施した.

観察 / 測定方法　　：あらかじめ定めたスコアリング基準を用いてスコア化した観察結果あるいは測定機器による測定値を記録した.

観察項目およびその方法：

[1] 刺激に対する感覚運動反応：検査台上で以下を観察した.
視覚刺激，触覚刺激，聴覚刺激，痛覚刺激，固有受容器刺激，空中正向反射

[2] 握力：CPU ゲージ (アイコーエンジニアリング株式会社) を用い

て前肢および後肢について各 3 回測定し，1 g 単位で記録した．

[3] 自発運動量：自発運動量測定装置 (スーパーメックスおよび CompAct，室町機械株式会社) を用いて，上述 [1] および [2] の検査に引き続き，各動物について，10 分間隔 (0 ~ 10，10 ~ 20，20 ~ 30，30 ~ 40，40 ~ 50 および 50 ~ 60 分) で 1 時間測定した．

3.10.1.4 体重測定

例数　：全例

測定日　：雄およびサテライト群の雌は，投与 1，4，7，14，21 および 28 日の投与前，回復 1，7 および 14 日ならびに剖検日．

主試験群の雌は，投与 1，4，7，14 日の投与前，妊娠 0，7，14 および 20 日の投与前，哺育 0，4，7 および 13 日の投与前ならびに分娩後 14 日の剖検日．ただし，妊娠 25 日まで分娩が認められない交尾成立例は妊娠 26 日 (剖検日) に測定した．

測定方法　：電子式上皿天秤 (GX-2000，株式会社 エー・アンド・デイ) を用いて測定した．

体重増加量　：以下の式により算出した．

<雄およびサテライト群の雌>

投与期間；

体重増加量 (g) = 投与 28 日体重 (g)－投与 1 日体重 (g)

回復期間；

体重増加量 (g) = 回復 14 日体重 (g)－回復 1 日体重 (g)

<主試験群の雌>

交配前投与期間；

体重増加量 (g)＝投与 14 日体重 (g)－投与 1 日体重 (g)

妊娠期間；

体重増加量 (g)＝妊娠 20 日体重 (g)－妊娠 0 日体重 (g)

哺育期間；

体重増加量 (g)＝哺育 13 日体重 (g)－哺育 0 日体重 (g)

3.10.1.5 摂餌量測定

例数　：全例

測定日　：雌雄とも交配中の週および剖検日を除き，体重測定と同じ日に実施した．

測定方法　：電子式上皿天秤 (GX-2000，株式会社 エー・アンド・デイ) を用いて各ケージの給餌量および／または残餌量を測定した.
次式より, 1 匹あたりの 1 日の平均摂餌量 (g/day) を算出した. ただし, 哺育期間中の雌については，1 腹あたりの摂取量として表わした.
摂餌量 (g/day) ＝ [給餌量 (g)－残餌量 (g)] / 測定日間の日数 (day)

3.10.1.6 尿検査

例数　：雄は機能検査と同一の各群 5 例について，雌はサテライト群の回復終了時剖検例

時期　：投与 4 週 (投与 26～27 日) および回復 2 週 (回復 8～9 日).

採尿方法　：非絶食下でラット用代謝ケージ (KN-646，B-1 型，株式会社夏目製作所) を用いて採尿し，投与直後から約 3 時間の蓄尿で [1] ~ [9] を，また約 21 時間の蓄尿で [10]，[11] を実施した．[9] については，遠心分離 (約 400 × *g*，5 分，4°C) して検査した．採取した尿は検査終了後廃棄した.

検査項目および検査方法：

[1]	pH	試験紙法
[2]	蛋白 (Protein)	試験紙法
[3]	糖 (Glucose)	試験紙法
[4]	ケトン体 (Ketone body)	試験紙法
[5]	ウロビリノーゲン (Urobilinogen)	試験紙法
[6]	ビリルビン (Bilirubin)	試験紙法
[7]	潜血反応 (Occult blood)	試験紙法
[8]	色調 (Color)	肉眼観察
[9]	尿沈渣 (Urinary sediments)	Sternheimer 染色法
[10]	尿量 (Urine Volume)	容量測定
[11]	比重 (Specific gravity)	屈折計法

[1] ~ [7] マルティスティックス，シーメンスヘルスケア・ダイアグノスティクス株式会社
[9] 顕微鏡 BH-2，オリンパス株式会社
[11] 尿比重屈折計ユリコン-S，株式会社アタゴ

3.10.1.7 血液学的検査

例数　：各群 5 例 (主試験群の雄は機能検査に用いた動物以外から動物番号の若い順に選抜した．主試験群の雌は機能検査と同一例，サテライト群は全例)

時期　：剖検時 [主試験群の雄およびサテライト群の雌 (投与終了時剖検例) は投与 28 日の翌日，主試験群の雌は分娩後 14 日，サテライト群の雄お

よび雌 (回復終了時剖検例) は回復 14 日の翌日] に採血した.

検査方法　:夕刻からの一晩の絶食下 (16～20 時間) でラットをイソフルラン (動物用イソフルラン，マイラン製薬株式会社) 麻酔し，腹部大動脈より採血した．検査項目のうち [1]～[10] についてはEDTA･2K (ベノジェクトII 真空採血管, テルモ株式会社) で処理した血液約 1 mL を用い, [11], [12] については 3.8%クエン酸ナトリウムで処理した血液約 1 mL (3.8%クエン酸ナトリウム溶液 0.1 mL+血液 0.9 mL) を遠心分離 (約 2000 × *g*，10 分，4°C) し，得られた血漿を用いた．主試験群の雌の血漿は，採取後凍結保存 (−80°C 設定) し，測定時に融解して用いた．白血球分画が得られなかった雌 1 例 (動物番号 50654) について，白血球塗抹標本を作製して観察した．得られた血液および血漿は検査終了後廃棄した.

検査項目および検査方法：

[1]	赤血球数 (RBC)	電気抵抗検出法
[2]	ヘマトクリット値 (HCT)	電気抵抗検出法
[3]	ヘモグロビン濃度 (HGB)	SLSヘモグロビン法
[4]	平均赤血球容積 (MCV)	RBC，HCT値より算出
[5]	平均赤血球ヘモグロビン量 (MCH)	RBC，HGB値より算出
[6]	平均赤血球ヘモグロビン濃度 (MCHC)	HCT，HGB値より算出
[7]	血小板数 (Platelet)	電気抵抗検出法
[8]	網赤血球数 (Reticulocyte)	フローサイトメトリー法
[9]	白血球数 (WBC)	フローサイトメトリー法
[10]	白血球分画 (Differential count of WBC)	フローサイトメトリー法
	1　好中球 (Neutrophil, 10^2/μL)	
	2　好酸球 (Eosinophil, 10^2/μL)	
	3　好塩基球 (Basophil, 10^2/μL)	
	4　単球 (Monocyte, 10^2/μL)	
	5　リンパ球 (Lymphocyte, 10^2/μL)	
[11]	プロトロンビン時間 (PT)	トロンボプラスチン法
[12]	活性化部分トロンボプラスチン時間 (APTT)	エラジン酸法

[1]～[10] 自動血球分析装置 XT-2000 iV，シスメックス株式会社
[11]，[12] 全自動血液凝固測定装置 CA-620，シスメックス株式会社

3.10.1.8 血液化学的検査

例数　:血液学的検査と同一の各群 5 例．ただし，T4 濃度測定用試料の採取は全例実施し，測定した.

時期　:剖検時に採血した.

検査方法　　：夕刻からの一晩の絶食下 (16 ~ 20 時間) でラットをイソフルラン麻酔し，腹部大動脈より採血した．検査項目のうち [1]，[5] については血液 1 mL あたりヘパリンナトリウム (ヘパリンナトリウム注 N「AY」，1000 単位/mL，エイワイファーマ株式会社) 約 20 単位で処理後，遠心分離 (約 2000 × *g*，10 分，4°C) して得られた血漿を用いて検査した．他の項目については分離剤入り試験管 (セパクリーン A，栄研化学株式会社) に血液を採取し，遠心分離 (約 2000 × *g*，10 分，4°C) して得られた血清を用いて検査した．サテライト群の雄以外の血清および血漿は，採取後凍結保存 (−80°C 設定) し，測定時に融解して用いた．また，得られた血清の一部をホルモン測定用として，ポリプロピレン製チューブ 4 本に約 150 µL ずつ分注して凍結保存 (−80°C 設定) し，主試験群の雄について測定時に融解して [21] の項目に用いた．主試験群の雄および生後 13 日の新生児の T4 濃度測定の結果, 主試験群 1000 mg/kg 投与群の雄で有意な変化がみられたため，主試験群の雌および回復群の雌雄について，T4 濃度を測定した．検査終了後，ホルモン測定用血清は−60°C 以下で，その他の血漿および血清は −20°C 以下で凍結保存し，試験終了日までに廃棄した．

検査項目および検査方法：

[1]	AST	JSCC 法
[2]	ALT	JSCC 法
[3]	アルカリホスファターゼ (ALP)	JSCC 法
[4]	γ-GTP	L-γ-グルタミル-3-カルボキシ-4-ニトロアニリド基質法
[5]	グルコース (Glucose)	ヘキソキナーゼ法
[6]	総コレステロール (T-Cho)	酵素法
[7]	トリグリセリド (TG)	遊離グリセロール消去法
[8]	総ビリルビン (T-Bil)	酵素法
[9]	総胆汁酸 (TBA)	酵素サイクリング法
[10]	尿素窒素 (UN)	ウレアーゼ－GLDH 法
[11]	クレアチニン (Crea)	酵素法
[12]	ナトリウム (Na)	イオン選択電極 (ISE) 法
[13]	カリウム (K)	イオン選択電極 (ISE) 法
[14]	クロール (Cl)	イオン選択電極 (ISE) 法
[15]	カルシウム (Ca)	OCPC 法
[16]	無機リン (IP)	Fiske-Subba Row 法
[17]	総蛋白 (TP)	ビウレット法
[18]	A/G 比 (A/G ratio)	蛋白分画より算出
[19]	アルブミン (Albumin)	総蛋白と蛋白分画より算出

[20] 蛋白分画 (Protein fraction) アガロースゲル電気泳動法
1 アルブミン (Albumin, %)
2 α_1-グロブリン (α1-G, %)
3 α_2-グロブリン (α2-G, %)
4 β-グロブリン (β-G, %)
5 γ-グロブリン (γ-G, %)
[21] 甲状腺ホルモン (T4) ELISA 法 (測定回数：n=2)

[1]～[17] 自動分析装置 7180 形，株式会社日立ハイテクノロジーズ
[18]，[20] 全自動電気泳動分析装置エパライザ 2 ジュニア，株式会社ヘレナ研究所
[21] マイクロプレートリーダ SH-1200，コロナ電気株式会社

3.10.1.9 剖検

例数 ：全例

時期 ：主試験群の雄およびサテライト群の雌 (投与終了時剖検例) は投与 28 日の翌日, 主試験群の雌は分娩後 14 日, サテライト群の雄および雌 (回復終了時剖検例) は回復 14 日の翌日に剖検した．ただし，妊娠 25 日まで分娩が認められない交尾成立例は妊娠 26 日に実施した．

検査方法 ：体外表を観察し，イソフルラン麻酔下で，腹部大動脈より採血後，放血により安楽死させ，全身の器官・組織を肉眼的に観察した．主試験群の雌では，着床数を数えた．以下の器官・組織を 10%中性緩衝ホルマリン液に固定・保存した．肺については，気管から固定液を注入後固定した．ただし，眼球およびハーダー腺はデビッドソン液で固定・保存し，精巣および精巣上体はブアン液で固定，70%エタノールに保存した．左右のある器官については，左右とも固定・保存した．

性周期の確認 ：サテライト群の雌の全例および主試験群の全例について剖検日の剖検前に膣垢を採取し，ギムザ染色を施して，光学顕微鏡下で観察して性周期段階を確認した．このデータは器官重量または病理組織学的評価の補助とした．

器官･組織名 ：脳 (大脳，小脳および脳橋)，脊髄，下垂体，胸腺，甲状腺，上皮小体，副腎，脾臓，心臓，食道，胃，肝臓，膵臓，顎下腺，十二指腸，空腸，回腸 (パイエル板を含む)，盲腸，結腸，直腸，気管，肺および気管支，腎臓，膀胱，精巣，精巣上体，前立腺，精嚢 (凝固腺含む)，卵巣，子宮 (角部および頸部)，膣，眼球およびハーダー腺，乳腺 (右腹部)，大腿骨 (骨髄を含む，右)，腸間膜リンパ節，下顎リンパ節，骨格筋 (大腿二頭筋，右)，および坐骨神経 (右)

3.10.1.10 器官重量測定

例数　　：全例

時期　　：剖検時

測定方法　　：電子式上皿天秤 (GR-200，株式会社 エー・アンド・デイ) を用いて，以下の器官の重量を測定した．左右のある器官は左右合せて測定した．ただし，甲状腺，下垂体および精嚢は固定後に測定した．

器官・組織名　　：脳，心臓，肝臓，腎臓，精巣，精巣上体，精嚢 (凝固腺含む)；以上 (g)
下垂体，甲状腺 (上皮小体含む)，脾臓，胸腺，副腎，前立腺，卵巣，子宮；以上 (mg)

相対重量の算出　　：絶対重量と剖検日に測定した体重から相対重量を算出した．

相対重量 (g/100 g または mg/100 g)

＝[絶対重量 (g または mg) / 剖検日体重 (g)] × 100

3.10.1.11 病理組織学的検査

例数　　：主試験群の雌雄およびサテライト群の雌 (投与終了時剖検例) は，剖検時に固定･保存した対照群および高用量群の全器官･組織について標本作製を実施し，全例について鏡検した．鏡検の結果，高用量群の雄の腎臓に被験物質投与に関連する変化として近位尿細管上皮の好酸性小体の発生頻度の増加が認められたことから，低用量および中用量群の雄全例の腎臓の検査を実施した．回復終了時剖検例については，雄の腎臓のみ検査を実施した．また，高用量群の雌の肝臓に被験物質投与に関連する変化として小葉中心性肝細胞肥大の発生頻度の増加が認められたことから，低用量および中用量群の雌全例の肝臓の検査を実施した．加えて，低用量群において剖検時にみられた肉眼的異常部位 (動物番号 10210 の精巣上体) についても鏡検した．

検査方法　　：パラフィン包埋後薄切し，ヘマトキシリン・エオジン染色標本を作製して鏡検した．雄の腎臓では，近位尿細管上皮の好酸性小体を同定するべく，対照群の 3 例 (動物番号 10101，10104，10110) および 1000 mg/kg 群の 7 例 (動物番号 10401，10407，10408，10409，10410，10411，10412) について α2u-グロブリン抗体を用いた免疫染色標本を作製して鏡検した．

3.10.2 生殖発生毒性

3.10.2.1 性周期検査

例数　：主試験群の雌の全例

期間　：投与開始日から交尾成立まで

方法　：ギムザ染色による膣垢塗抹標本を作製し，光学顕微鏡下で性周期段階を観察した．

判定　：性周期の各段階 (発情前期，発情期，発情後期および発情間期) を 4 日から 6 日の間隔で繰り返すものを正常と判定した．観察期間中に 3 日の間隔の発情周期がみられた動物は異常と判定した．

算出　：投与 1 日から投与 14 日までの 14 日間について発情期間隔，発情回数および性周期異常の動物数を算出した．

3.10.2.2 生殖能検査

例数　：主試験群の雌雄の全例

交配組み合せ　：同一群の雌雄を，雌の動物番号末尾 2 桁が雄の動物番号末尾 2 桁に 50 を足したものとなるよう組み合わせた．

時期・方法　：投与 14 日 (交配開始日) の夕刻から，交配に組み合せた雌雄を，交尾が確認されるまで 14 日間を限度として連続同居させた．

交尾成立の確認方法　：膣内または受皿上に落下した膣栓，あるいは膣垢スメア標本中の精子確認により判定した．いずれかが認められた日を妊娠 0 日とした．同居開始から交尾成立までの所要日数を計数した．

次式から群毎に交尾率を算出した．

雄の交尾率 (%) ＝ (交尾成立雄数 / 同居させた雄数) × 100

雌の交尾率 (%) ＝ (交尾成立雌数 / 同居させた雌数) × 100

受胎能　：妊娠の確認を分娩の有無および剖検時に子宮内の着床痕の有無により行った．動物番号 50151 については，剖検時に子宮内の着床痕が確認されなかったため不妊と判断した．

次式から群毎に受胎率を算出した．

雄の受胎率 (%) ＝ (雌を妊娠させた雄数 / 交尾成立雄数) × 100

雌の受胎率 (%) ＝ (妊娠雌数 / 交尾成立雌数) × 100

3.10.2.3 分娩および哺育状態観察

例数　：交尾成立した雌の全例

分娩観察　：交尾が確認された雌動物の全例について，分娩状態を妊娠 21 日から

25 日まで，毎日少なくとも 3 回 (9：00，13：00 および 17：00) 観察した．妊娠動物は全例自然分娩させた．

分娩終了の確認　：9：00 に母動物が児を巣の中に集めて腹の下に抱え込んでいるのが観察された場合に分娩終了とし，その日を哺育 0 日 (生後 0 日) とした．

出産率　：1 匹以上の生存児を出産したものを正常出産とした．次式から群毎に出産率を算出した．

出産率 (%) ＝ (正常出産雌数 / 妊娠雌数) × 100

妊娠期間の算出　：妊娠 0 日から哺育 0 日までの期間を日数で表わした．

出産児の観察　：生後 0 日のすべての出産児について生死を確認し，外表を観察した．腹毎に生存児数と死亡児数とを計数し，それらの合計を出産児数とした．次式から，分娩率および生存児の外表異常児出現率を腹毎に，外表異常児を持つ腹の頻度を群毎に算出した．

分娩率 (%) ＝ (生後 0 日の出産児数 / 着床数) × 100

外表異常児出現率 (%) = (外表異常児数 / 出産生児数) × 100

外表異常児を持つ腹の頻度 = 外表異常児を持つ腹数 / 正常出産雌数

出産児の性比の算出　：生後 0 日に個々の児動物の性を肛門と生殖突起の間の長さで判定し，群毎に以下を算出した．

生存出産児の性比 (%) ＝ (雄生存出産児数 / 生存出産児数) × 100

出産児の性比 (%) ＝ (雄出産児数 / 出産児数) × 100

3.10.2.4 哺育児数の調整

例数　：全腹

時期　：生後 4 日

調整方法　：各腹の哺育児数が 8 匹となるように雌雄別に無作為に選抜した．選抜する哺育児の数は原則として雌雄同数としたが，1 腹の雄または雌の哺育児数が 4 匹未満の場合は総数が 8 匹となるよう (例えば雄 3 匹，雌 5 匹) に調整した．1 腹の哺育児数が 8 匹以下の場合は，そのまま哺育させた．選抜されなかった哺育児は，採血する動物は断頭で，その他の動物はペントバルビタールナトリウム (Pentobarbital Sodium Salt，東京化成工業株式会社) を 60 mg/mL 含有する溶液の腹腔内注射により安楽死させた．

3.10.2.5 新生児の一般状態観察

例数　：全例

頻度　　：1 回／日

期間　　：生後 0 日から生後 13 日 (剖検日) まで

観察方法　　：生存または死亡の確認，一般状態を観察した．
死亡例は発見後速やかに剖検し，Whole body を 10%中性緩衝ホルマリン液で固定･保存した．

新生児生存率の算出　：生後 0，4 および 13 日の新生児生存率を次式から腹毎に算出した．
生後 0 日生存率 (%) ＝ (生後 0 日生存児数 / 出産児数) × 100
生後 4 日生存率 (%)
＝ (生後 4 日生存児数 / 生後 0 日生存児数) × 100
生後 13 日生存率 (%)
＝ (生後 13 日生存児数 / 生後 4 日に選抜した児数) × 100

3.10.2.6 新生児の体重測定

例数　　：生存児全例

時期　　：生後 0，4，7 および 13 日

測定方法　　：電子式上皿天秤 (GX-2000，株式会社エー・アンド・デイ) を用いて個体別に測定し，0.1 g まで記録した．雌雄別に腹あたりの平均体重を求めた．

3.10.2.7 新生児の肛門生殖突起間距離 (AGD)

例数　　：生存児全例

時期　　：生後 4 日

測定方法　　：個体別に肛門と生殖突起の間の長さを計測して記録した．雌雄別に腹あたりの平均肛門生殖突起間距離を求めた．加えて，個々の平均肛門生殖突起間距離を体重の立方根で除した値を求め，雌雄別に腹あたりの平均を求めた．

3.10.2.8 新生児の乳頭数

例数　　：雄生存児全例

時期　　：生後 13 日

計数方法　　：個々の新生児の乳頭数を計数した．腹あたりの平均乳頭数を求めた．

3.10.2.9 新生児の血清 T4 濃度測定

例数　　：各腹の生存児 2 例．ただし，採血の対象となる生存児が 1 匹の場合は 1 匹から血清を採取し, 生存児がいない場合は血清の採取は行わなかっ

た．

時期　：生後 4 日 (選抜されなかった哺育児) および生後 13 日

血清採取　：生存児を断頭により安楽死させ，遠沈管に血液を腹毎に採取してプールし，遠心分離 (約 2000 × g，10 分，4°C) して血清を得た．採取した血清は，ポリプロピレン製チューブ 2 本に約 50 µL ずつ (生後 4 日) または 4 本に約 100 µL ずつ (生後 13 日) 分注して凍結保存 (−80°C 設定) し，測定時に融解して用いた．検査終了後の血清は，凍結保存 (−80°C 設定) し，試験終了日までに廃棄した．

測定方法　：ELISA 法で，生後 13 日の新生児の血清について T4 濃度を測定した (n=2)．生後 13 日の新生児の測定の結果，被験物質投与に関連する変化は認められなかったことから，生後 4 日の新生児の T4 濃度測定は行わなかった．

3.10.2.10 新生児の剖検

時期　：生後 13 日

例数　：全例

検査方法　：体外表 (口腔内を含む) を観察し，採血する動物は断頭で，その他の動物についてはペントバルビタールナトリウムを 60 mg/mL 含有する溶液の腹腔内注射により安楽死させ，全身の器官･組織を肉眼的に観察した．各腹雌雄 1 例について，甲状腺を 10%中性緩衝ホルマリンに固定・保存した．

3.11 統計学的方法

コンピュータシステム (MiTOX) を用いて実施した．

主試験群における握力 (3 回の平均)，自発運動量，体重，体重増加量，摂餌量，尿量，血液学的検査，血液化学的検査，器官の絶対重量および相対重量，発情期間隔，発情回数，交尾所要日数および着床数，出産児数，出産時の生存児数および死亡児数，分娩率，妊娠期間ならびに新生児の雌雄別体重，肛門生殖突起間距離，乳頭数，外表異常児出現率および生存率の成績について群平均および標準偏差を算出し，Bartlett の検定法を行い，等分散性を解析した．等分散 ($p \geq 0.05$) の場合は一元配置分散分析法で解析し，不等分散 ($p < 0.05$) の場合は Kruskal-Wallis の検定法で解析した．一元配置分散分析の結果，有意差がみられた場合 ($p < 0.1$) は Dunnett の検定法を用いて対照群と被験物質投与群の間の有意差を検出した．Kruskal-Wallis 法の解析の結果，有意差がみられた場合 ($p < 0.1$) は Steel の検定法を用いた．なお，新生児の雌雄別体重，外表異常児出現率，生存率，肛門生殖突起間距離および乳頭数については，1 腹

を標本単位として処理した.

主試験群における詳細な状態観察，刺激に対する感覚運動反応，尿量を除く尿検査の成績について，Kruskal-Wallis の検定法で解析し，有意差がみられた場合 ($p < 0.1$) は Steel の検定法を用いて対照群と被験物質投与群の間の有意差を検出した.

性周期の異常の発現率，交尾率，受胎率，出産率，生後 0 日の出産児および生存児の性比および外表異常児を持つ腹の頻度ならびに病理組織学的検査 (主試験群およびサテライト群) については， Fisher の正確確率検定法を用いた.

サテライト群における握力 (3 回の平均)，自発運動量，体重，体重増加量，摂餌量，尿量，血液学的検査，血液化学的検査，器官の絶対重量および相対重量の成績について，群平均および標準偏差を算出し，F 検定により等分散性を解析した．等分散 ($p \geq 0.05$) の場合は Student の t 検定，不等分散 ($p < 0.05$) の場合は Welch の検定を用いて対照群と高用量群の間の有意差を検出した.

サテライト群における詳細な状態観察，刺激に対する感覚運動反応，尿量を除く尿検査の成績について，Wilcoxon の順位和検定を用いて対照群と高用量群の間の有意差を検出した.

主試験群の雌で不妊が確認された動物については，妊娠期間の体重，体重増加量および摂餌量，器官重量ならびに病理組織学的検査のデータを統計検定から除外した.

対照群との比較検定については，5%未満を有意とした.

3.12 コンピュータシステムの利用

以下に示すデータの収集には MiTOX を使用した.

オンラインデータ ；親動物の一般状態，詳細な状態観察，機能検査 (刺激に対する感覚運動反応，握力．ただし，主試験群の雌を除く)，体重，摂餌量 (雌のサテライト群の投与 14 日の給餌量を除く)，血液学的検査 (PT，APTT を除く)，血液化学的検査 (T4 濃度を除く)，器官重量，病理組織学的検査，新生児の体重

オフラインデータ ；機能検査 (自発運動量)，機能検査 (主試験群の雌の刺激に対する感覚運動反応および握力)，摂餌量 (雌のサテライト群の投与 14 日の給餌量)，尿検査，血液学的検査 (PT，APTT)，血液化学的検査 (T4 濃度)，性周期検査，生殖能検査，着床数，生存児数，死亡児数，親動物の剖検，ならびに新生児の一般状態，外表異常，性別，肛門生殖突起間距離および乳頭数

コンピュータプロトコールには，データ収集の項目，日程等を登録した．なお，オンラインにより生データを収集する際，不測の事態が発生した時に，オフラインで作業を実施した.

4 成績

4.1 反復投与毒性

4.1.1 一般状態

一般状態の成績を Table 1-1 ~ 1-8，Appendix 1-1 ~ 1-28 に示す.

[投与期間]

(1) 雄：主試験群

対照群および被験物質投与群では，いずれの動物にも異常はみられなかった.

(2) 雌：主試験群

対照群では，1 例 (動物番号 50155) に妊娠 8 日から哺育 12 日まで左側腋窩に皮下腫瘤が観察された．被験物質投与群では，交配前期間，妊娠期間および哺育期間を通じて，いずれの動物にも異常はみられなかった.

(3) 雌：サテライト群 (非交配群)

対照群では，いずれの動物にも異常はみられなかった．1000 mg/kg 群では，1 例 (動物番号 50660) に投与 3 日の投与後から投与 7 日の投与後まで呼吸促迫が観察された.

[回復期間]

(1) 雄：サテライト群

対照群および 1000 mg/kg 群では，いずれの動物にも異常はみられなかった.

(2) 雌：サテライト群 (非交配群)

対照群および 1000 mg/kg 群では，いずれの動物にも異常はみられなかった.

4.1.2 詳細な状態観察

詳細な状態観察の成績を，Table 2-1 ~ 2-6，Appendix 2-1 ~ 2-70 (ケージの外から)，Table 3-1 ~ 3-6, Appendix 3-1 ~ 3-70 (ケージから取り出す時) および Table 4-1 ~ 4-6, Appendix 4-1 ~ 4-70 (オープンフィールド内) にそれぞれ示す.

[投与期間]

(1) 雄：主試験群

40 mg/kg 群では，投与 28 日の検査での排尿回数に有意な低値がみられたが，用量相関性がないことから偶発的変動と考えられた．200 および 1000 mg/kg 群では，いずれの検査項目にも対照群と比較して有意な差は認められなかった.

(2) 雌：主試験群

いずれの項目にも被験物質投与群と対照群の間に有意な差はみられなかった.

(3) 雌：サテライト群 (非交配群)

1000 mg/kg 群では，いずれの項目にも対照群と比較して有意な差はみられなかった.

[回復期間]

(1) 雄：サテライト群

1000 mg/kg 群では，いずれの項目にも対照群と比較して有意な差はみられなかった.

(2) 雌：サテライト群 (非交配群)

1000 mg/kg 群では，いずれの項目にも対照群と比較して有意な差はみられなかった.

4.1.3 機能検査

刺激に対する感覚運動反応の成績を Table 5-1 ~ 5-4，Appendix 5-1 ~ 5-12，握力の成績を Table 6-1 ~ 6-4，Appendix 6-1 ~ 6-12，自発運動量の成績を Table 7-1 ~ 7-4，Appendix 7-1 ~ 7-12 に示す.

[投与期間]

(1) 雄：主試験群 (投与 4 週)

刺激に対する感覚運動反応では，被験物質投与群と対照群の間に有意な差は認められなかった．前肢の握力に，200 および 1000 mg/kg 群で対照群と比較して有意な低値がみられた．しかし，個々の値は試験施設の背景データ (平均値±SD 1517.05±195.58，最小値 ~ 最大値 1126.7 ~ 2011.0，例数 50，試験期間 2017 ~ 2022 年) [4)]の範囲内であり，詳細な状態観察においても異常はみられないことから，被験物質投与との関連はないと考えられた．自発運動量では，40 mg/kg 群で 10 ~ 20, 20 ~ 30, 30 ~ 40 および 0 ~ 60 分の間に対照群と比較して有意な低値がみられた．200 mg/kg 群では，10 ~ 20 分に有意な低値であったものの，その他の測定間隔および 1 時間の合計では有意な差は認められないことから，これらの変化は被験物質投与との関連はないと考えられた．1000 mg/kg 群では，10 ~ 20，20 ~ 30，30 ~ 40 および 0 ~ 60 分の間に有意な低値がみられた．しかし，個々の値は試験施設の背景データ (10 ~ 20 分；平均値±SD 255.5±151.9，最小値 ~ 最大値 35 ~ 649，20 ~ 30 分；平均値±SD 175.2±141.7，最小値 ~ 最大値 4 ~ 511，30 ~ 40 分；平均値±SD 109.9±114.3，最小値 ~ 最大値 0 ~ 563，0 ~ 60 分；平均値±SD 1112.2±590.8，最小値 ~ 最大値 130 ~ 2952，例数 50，試験期間 2017 ~ 2022 年)[4)] の範囲内であり，詳細な状態観察においても異常はみられないことから，被験物質投与との関連はないと考えられた.

(2) 雌：主試験群 (哺育 13 日)

40 mg/kg 群では，いずれの項目にも対照群と比較して有意な差はみられなかった．自発運動量において 200 mg/kg 群では， 40 ~ 50 分の間，1000 mg/kg 群では，0 ~ 10 分の間に対照群と比較して有意な低値がみられた．しかし，個々の値は 1000 mg/kg 群の 1 例を除き，試験施設の背景データ (0 ~ 10 分；平均値±SD 534.2±222.9，最小値 ~ 最大値 183 ~ 1136，40 ~ 50 分；平均値±SD 94.0±104.8，最小値 ~ 最大値 0 ~ 512，例数 65，試験期間 2017 ~ 2022 年)[4)] の範囲内であり，その他の測定間隔および 1 時間の合計では有意な差はなく，詳細な状態観察にお

いても異常はみられないことから，被験物質投与との関連はないと考えられた.

(3) 雌：サテライト群 (非交配群，投与 4 週)

1000 mg/kg 群では，いずれの項目にも対照群と比較して有意な差はみられなかった.

[回復期間]

(1) 雄：サテライト群

1000 mg/kg 群では，いずれの項目にも対照群と比較して有意な差はみられなかった.

4.1.4 体重

体重を Figure 1-1 ~ 1-3，Table 8-1 ~ 8-7，Appendix 8-1 ~ 8-22 に示す.

[投与期間]

(1) 雄：主試験群

被験物質投与群では，体重および体重増加量に対照群と比較して有意な差はみられなかった.

(2) 雌：主試験群

40 および 200 mg/kg 群では，交配前期間，妊娠期間および哺育期間の体重および体重増加量に，対照群と比較して有意な差はみられなかった．1000 mg/kg 群では，交配前期間の体重増加量に有意な低値がみられた．同群では，妊娠期間および哺育期間には有意な差はみられなかった.

(3) 雌：サテライト群 (非交配群)

1000 mg/kg 群では，有意差はなかったが，体重増加量に対照群と比較して低値傾向がみられた.

[回復期間]

(1) 雄：サテライト群

1000 mg/kg 群では，体重および体重増加量に対照群と比較して有意な差はみられなかった.

(2) 雌：サテライト群 (非交配群)

1000 mg/kg 群では，有意差はなかったが，体重増加量に対照群と比較して高値傾向がみられた.

4.1.5 摂餌量

摂餌量を Figure 2-1 ~ 2-3，Table 9-1 ~ 9-7，Appendix 9-1 ~ 9-22 に示す.

[投与期間]

(1) 雄：主試験群

被験物質投与群では，摂餌量に対照群と比較して有意な差はみられなかった.

(2) 雌：主試験群

40 および 200 mg/kg 群では，交配前期間，妊娠期間および哺育期間の摂餌量に，対照群と比較して有意な差はみられなかった．1000 mg/kg 群では，交配前期間の投与 4 および 7 日ならびに妊娠 7 日の摂餌量に有意な低値がみられた．同群では，哺育期間には有意な差はみられなかった．

(3) 雌：サテライト群 (非交配群)

1000 mg/kg 群では，投与 4 日の摂餌量に対照群と比較して有意な低値がみられた．

[回復期間]

(1) 雄：サテライト群

1000 mg/kg 群の摂餌量には，摂餌量に対照群と比較して有意な差はみられなかった．

(2) 雌：サテライト群 (非交配群)

1000 mg/kg 群の摂餌量には，摂餌量に対照群と比較して有意な差はみられなかった．

4.1.6 尿検査

尿検査の成績を Table 10-1 ~ 10-21，Appendix 10-1 ~ 10-30 に示す．

[投与 4 週]

(1) 雄：主試験群

被験物質投与群では，いずれの項目にも対照群と比較して有意な差はみられなかった．

(2) 雌：サテライト群 (非交配群)

1000 mg/kg 群では，いずれの項目にも対照群と比較して有意な差はみられなかった．

[回復 2 週]

(1) 雄：サテライト群

1000 mg/kg 群では，いずれの項目にも対照群と比較して有意な差はみられなかった．

(2) 雌：サテライト群 (非交配群)

1000 mg/kg 群では，いずれの項目にも対照群と比較して有意な差はみられなかった．

4.1.7 血液学的検査

血液学的検査の成績を Table 11-1 ~ 11-5，Appendix 11-1 ~ 11-14 に示す．

[投与期間終了時]

(1) 雄：主試験群

40 mg/kg 群では，対照群と比較して好中球数 (Neutrophil) に有意な低値がみられたが，用量に依存していないことから，偶発的変動と考えられた．200 mg/kg 群では，いずれの項目にも対照群と比較して有意な差はみられなかった．1000 mg/kg 群では，MCHC に有意な低値，PT に有意な高値がみられた．しかし，個々の値は MCHC の 1 例を除き，試験施設の背景データ

(MCHC；平均値±SD 35.95±0.58 g/dL，最小値 ～ 最大値 34.6～37.2 g/dL，例数 60，試験期間 2017～2022 年，PT；平均値±SD 19.10±3.64 sec，最小値 ～ 最大値 14.9～35.5 sec，例数 60，試験期間 2017～2022 年)[5] の範囲内であり，他の血液学的検査項目には有意な差はみられないことから，被験物質投与との関連はないと考えられた．

(2) 雌：主試験群

被験物質投与群では，いずれの項目にも対照群と比較して有意な差はみられなかった．

(3) 雌：サテライト群 (非交配群)

1000 mg/kg 群では，対照群と比較して APTT に有意な高値がみられた．しかし，個々の値は試験施設の背景データ (APTT；平均値±SD 14.06±1.56 sec，最小値 ～ 最大値 10.5～19.9 sec，例数 89，試験期間 2017～2022 年)[5] の範囲内であり，主試験群の雌では，血液凝固機能に影響がみられないことから，被験物質投与との関連はないと考えられた．

[回復期間終了時]

(1) 雄：サテライト群

1000 mg/kg 群では，いずれの項目にも対照群と比較して有意な差はみられなかった．

(2) 雌：サテライト群 (非交配群)

1000 mg/kg 群では，対照群と比較して MCH に有意な低値がみられたが，投与期間終了時にはみられない変化であることから，被験物質投与との関連はないと考えられた．

4.1.8 血液化学的検査

血液化学的検査の成績を Table 12-1～12-7，Appendix 12-1～12-14 に示す．

[投与期間終了時]

(1) 雄：主試験群

40 および 200 mg/kg 群では, いずれの項目にも対照群と比較して有意な差はみられなかった. 1000 mg/kg 群では, Cl に有意な低値がみられた. しかし, 個々の値は試験施設の背景データ (平均値±SD 104.4±1.2 mEq/L，最小値 ～ 最大値 102～107 mEq/L，例数 60，試験期間 2017～2022 年)[5] の範囲内にあり，他の電解質には有意差はみられないことから，被験物質投与との関連はないと考えられた．

(2) 雌：主試験群

40 mg/kg 群では，いずれの項目にも対照群と比較して有意な差はみられなかった．200 および 1000 mg/kg 群では，Ca に有意な高値がみられた．200 mg/kg 群では，個々の値は試験施設の背景データ (平均値±SD 9.58±0.37 mg/dL，最小値 ～ 最大値 8.8～10.8 mg/dL，例数 90，試験期間 2017～2022 年)[5] の範囲内にあったことから, 被験物質投与との関連はないと考えられたが，1000 mg/kg 群では，背景データの範囲ではあったが，高値を示す個体が多かった．

(3) 雌：サテライト群 (非交配群)

1000 mg/kg 群では，対照群と比較して総ビリルビンおよび Cl に有意な低値がみられた．しかし，総ビリルビンの低値については，毒性学的意義はないと考えられ，Cl については，個々の値は試験施設の背景データ (平均値±SD 103.6±3.4 mEq/L，最小値 ~ 最大値 94 ~ 110 mEq/L，例数 90，試験期間 2017 ~ 2022 年)[5] の範囲内にあり，他の電解質には有意差はみられないことから，被験物質投与との関連はないと考えられた．

[回復期間終了時]

(1) 雄：サテライト群

1000 mg/kg 群では，AST に対照群と比較して有意な低値がみられたが，投与期間終了時にはみられなかったことから，被験物質投与との関連はないと考えられた．

(2) 雌：サテライト群 (非交配群)

1000 mg/kg 群では，いずれの項目にも対照群と比較して有意な差はみられなかった．

4.1.9 血清 T4 濃度

血清 T4 濃度を Table 13-1 ~ 13-5，Appendix 13-1 ~ 13-14 に示す．

[投与期間終了時]

(1) 雄：主試験群

40 および 200 mg/kg 群では，血清 T4 濃度に対照群と比較して有意な差はみられなかった．1000 mg/kg 群では，対照群と比較して有意な低値がみられた．

(2) 雌：主試験群

雌親動物の血清 T4 濃度には，被験物質投与群と対照群の間に有意な差はみられなかった．

(3) 雌：サテライト群 (非交配群)

1000 mg/kg 群では，対照群と比較して有意な差はみられなかった．

[回復期間終了時]

(1) 雄：サテライト群

1000 mg/kg 群では，対照群と比較して有意な差はみられなかった．

(2) 雌：サテライト群 (非交配群)

1000 mg/kg 群では，対照群と比較して有意な差はみられなかった．

4.1.10 剖検

剖検所見を Table 14-1 ~ 14-6，Appendix 14-1 ~ 14-15 に示す．

[投与期間終了時]

(1) 雄：主試験群

対照群，200 および 1000 mg/kg 群では，いずれの動物にも異常所見はみられなかった．40

mg/kg 群では，精巣上体尾部 (右) に黄白色巣が 1 例 (動物番号 10210) にみられたが，高用量ではみられない変化であることから，被験物質投与との関連はないと考えられた．

(2) 雌：主試験群

対照群，40 および 200 mg/kg 群では，いずれの動物にも異常所見はみられなかった．1000 mg/kg 群では，胃 (腺胃) 粘膜に多巣性暗赤色巣が 1 例 (動物番号 50453) にみられた．

(3) 雌：サテライト群 (非交配群)

対照群および 1000 mg/kg 群では，いずれの動物にも異常所見はみられなかった．

[回復期間終了時]

(1) 雄：サテライト群

対照群および 1000 mg/kg 群ともに異常所見はみられなかった．

(2) 雌：サテライト群 (非交配群)

対照群および 1000 mg/kg 群ともに異常所見はみられなかった．

4.1.11 器官重量

器官重量を Table 15-1 ~ 15-7，Appendix 15-1 ~ 15-20 に示す．

[投与期間終了時]

(1) 雄：主試験群

40 mg/kg 群では，測定したいずれの器官重量にも，対照群と比較して有意な差はみられなかった．200 mg/kg 群では，腎臓の相対重量に有意な高値がみられた．しかし，個々の値は試験施設の背景データ (平均値±SD 0.637±0.065 g/100 g BW，最小値 ~ 最大値 0.51 ~ 0.81 g/100 g BW；例数 77，試験期間 2017 ~ 2022 年)[6] の範囲内であることから，被験物質投与との関連はないと考えられた．1000 mg/kg 群では，肝臓および腎臓の絶対および相対重量に有意な高値がみられた．同群では，前立腺の絶対および相対重量に有意な低値がみられたが，個々の値は試験施設の背景データ (絶対重量；平均値±SD 726.2±147.8 mg, 最小値 ~ 最大値 393 ~ 1160 mg, 相対重量；平均値±SD 146.594±27.981 mg/100 g BW，最小値 ~ 最大値 67.06 ~ 206.41 mg/100 g BW；例数 77，試験期間 2017 ~ 2022 年)[6] の範囲内であり，病理組織学的検査においても関連すると考えられる変化はみられないことから，被験物質投与との関連はないと考えられた．

(2) 雌：主試験群

40 mg/kg 群では，測定したいずれの器官重量にも，対照群と比較して有意な差はみられなかった．200 および 1000 mg/kg 群では，肝臓の絶対および相対重量に有意な高値がみられた．1000 mg/kg 群では，副腎の相対重量に有意な高値がみられたが，病理組織学的検査では副腎に異常所見はみられず，個々の値は 1 例を除き，試験施設の背景データ(平均値±SD 24.601±3.747 mg/100 g BW，最小値 ~ 最大値 16.48 ~ 34.42 mg/100 g BW；例数 130，試験期間 2017 ~ 2022

年)[6] の範囲であることから，毒性学的意義はないと考えられた.

(3) 雌：サテライト群 (非交配群)

1000 mg/kg 群では，対照群と比較して肝臓の絶対および相対重量に有意な高値がみられた. この群では，腎臓の相対重量に有意な高値，下垂体の絶対および相対重量に有意な低値がみられた．しかし，いずれの変化も病理組織学的検査で異常所見はみられず，下垂体では，個々の値は試験施設の背景データ (絶対重量 ; 平均値±SD 15.97±2.72 mg，最小値 ～ 最大値 6.4 ~ 23.6 mg，相対重量；平均値±SD 5.297±1.118mg/100 g BW，最小値 ～ 最大値 1.81 ~ 8.64 mg/100 g BW；例数 130，試験期間 2017 ~ 2022 年)[6]の範囲内であることから，毒性学的意義はないと考えられた.

[回復期間終了時]

(1) 雄：サテライト群

1000 mg/kg 群では, 腎臓の絶対重量に対照群と比較して有意な高値がみられた. この群では, 副腎の絶対および相対重量に有意な高値がみられたが, 投与期間終了時にはみられなかった変化であることから，被験物質投与との関連はないと考えられた.

(2) 雌：サテライト群 (非交配群)

1000 mg/kg 群では，測定したいずれの器官重量にも，対照群と比較して有意な差はみられなかった.

4.1.12 病理組織学的検査

病理組織学的所見を Table 16-1 ~ 16-22，Appendix 16-1 ~ 16-25 に示す.

[投与期間終了時]

(1) 雄：主試験群

全試験群を検査した腎臓では, 近位尿細管上皮の好酸性小体が, 200 mg/kg 群で 1 例 (軽微), 1000 mg/kg 群で 6 例 (軽微 3，軽度 2，中等度 1) に認められ，発生頻度は 1000 mg/kg 群で有意に増加した．この所見は，α2u-グロブリン抗体による免疫染色の結果陽性であった．その他に，限局性の尿細管好塩基性化が対照群で 1 例 (軽微)，1000 mg/kg 群で 1 例 (軽度) に，腎盂粘膜の炎症性細胞浸潤が 1000 mg/kg 群で 1 例 (軽微)，皮質の炎症性細胞浸潤が 200 mg/kg 群で 2 例 (軽微)，梗塞が 40 mg/kg 群で 1 例 (軽微) にみられた.

1000 mg/kg 群におけるその他の器官では，肺に肺胞マクロファージ集簇が 2 例 (軽微)，心臓に限局性の炎症性細胞浸潤が 1 例 (軽微)，精巣に精細管変性が 1 例 (軽微)，精巣上体に内腔の細胞残屑が 1 例 (軽微), 前立腺に間質の炎症が 2 例 (軽度), 甲状腺に後鰓体遺残が 2 例 (軽微)，副腎に束状帯の皮質細胞空胞化が 1 例 (軽度)，ハーダー腺に限局性の炎症性細胞浸潤が 2 例 (軽微) にみられた．しかし，いずれの所見の発現頻度にも対照群との間に有意な差はな

く，少数にみられる変化あるいは対照群または試験施設の背景データ [7]に認められる所見であることから，被験物質投与と関連のない変化と考えられた．

剖検時に精巣上体尾部に黄白色巣がみられた 40 mg/kg 群の 1 例では，精子肉芽腫がみられた．

対照群では, 膵臓の内腔に強好酸性/好塩基性小体を伴う腺房細胞の細胞質空胞化が 1 例 (軽度)，精巣上体に精子肉芽腫が 1 例 (軽度)，胸腺に上皮遺残が 1 例 (軽微)，下垂体に頭蓋咽頭管遺残が 1 例 (軽度)，甲状腺に後鰓体遺残が 3 例 (軽微)，ハーダー腺に限局性の炎症性細胞浸潤が 1 例 (軽微) にみられた．

(2) 雌：主試験群

全試験群を検査した肝臓では, 小葉中心性肝細胞肥大が 1000 mg/kg 群でのみ 10 例 (軽微) にみられ，発生頻度は対照群と比較して有意に増加した．

1000 mg/kg 群におけるその他の器官では，腺胃にびらんが 1 例 (軽微)，胸腺に上皮遺残が 1 例 (軽微)，腸間膜リンパ節にマクロファージ過形成が 1 例 (軽微)，甲状腺に後鰓体遺残が 2 例 (軽微)，眼球に網膜異形成が 1 例 (軽微) にみられた．しかし，いずれの所見の発現頻度にも対照群との間に有意な差はなく, 少数にみられる変化あるいは対照群または試験施設の背景データ [7]に認められる所見であることから，被験物質投与と関連のない変化と考えられた．

対照群では，肺に肺胞マクロファージ集簇が 1 例 (軽微)，腎臓に限局性の尿細管好塩基性化が 1 例 (軽微)，胸腺に上皮遺残が 3 例 (軽微)，甲状腺に後鰓体遺残が 6 例 (軽微)，副腎に限局性の皮質過形成が 1 例 (軽微)，眼球に網膜異形成が 1 例 (軽微) にみられた．同群の 1 例の不妊動物では，甲状腺に後鰓体遺残 (軽微) みられたのみであった．

(3) 雌：サテライト群 (非交配群)

1000 mg/kg 群では，肝臓で，小葉中心性肝細胞肥大が 4 例 (軽微) にみられ，発生頻度は対照群と比較して有意に増加した．その他の器官では，膵臓に限局性の腺房細胞萎縮が 1 例 (軽微)，胸腺に上皮遺残が 3 例 (軽微)，甲状腺に後鰓体遺残が 1 例 (軽微) にみられたが，いずれも有意差はなく，対照群にもみられる変化または試験施設の背景データ [7]に認められる所見であることから，被験物質投与と関連のない変化と考えられた．

[回復期間終了時]

(1) 雄：サテライト群

1000 mg/kg 群の腎臓では，好酸性小体は認められず，限局性の尿細管好塩基性化が 2 例 (軽微) に認められた．同群では加えて，腎盂拡張が 1 例 (軽微) にみられた．

4.2 生殖発生毒性

4.2.1 性周期検査

性周期検査の成績を Table 17，Appendix 17-1 ~ 17-8 に示す.

交配前 14 日間の性周期観察において，性周期の異常の発現率，発情期間隔および発情回数には被験物質投与群と対照群の間に有意な差はみられなかった.

4.2.2 生殖能検査

生殖能検査の成績を Table 18-1 および 18-2，Appendix 18-1 ~ 18-8 に示す.

交尾率，受胎率および交尾所要日数には，被験物質投与群と対照群の間に有意な差はみられなかった.

4.2.3 分娩および哺育状態観察

分娩および哺育状態観察の成績を Table 19-1 および 19-2，Appendix 19-1 ~ 19-8 に示す.

着床数，分娩率，妊娠期間，出産率，出産児数，出産時の生存児数および死亡児数，ならびに性比には，被験物質投与群と対照群の間に有意な差はみられなかった．出産生児の外表検査では，いずれの動物にも異常はみられなかった.

4.2.4 新生児の一般状態および生存率

新生児の一般状態および生存率の成績を Table 20 および 21，Appendix 20-1 ~ 20-16 および 21-1 ~ 21-4 に示す.

生後 0 日から 4 日または生後 5 日から 13 日の一般状態観察では，対照群を含むいずれの試験群においても異常はみられなかった．生後 0 日，4 日および 13 日の新生児の生存率には，被験物質投与群と対照群の間に有意な差はみられなかった.

4.2.5 新生児の体重

新生児の体重を Figure 3，Table 22，Appendix 22-1 ~ 22-4 に示す.

40 および 200 mg/kg 群では，生後 0 日，4 日，7 日および 13 日の体重には，雌雄とも対照群と比較して有意な差はみられなかった．1000 mg/kg 群では，雌雄とも生後 4 日，7 日および 13 日に低値傾向を示し，雌の生後 7 日および 13 日に有意な差がみられた.

4.2.6 新生児の肛門生殖突起間距離 (AGD)

新生児の肛門生殖突起間距離を Table 23，Appendix 23-1 ~ 23-4 に示す.

40 および 200 mg/kg 群では, 生後 4 日の肛門生殖突起間距離および体重の立方根で除した値に，雌雄とも対照群と比較して有意な差はみられなかった．1000 mg/kg 群では，雄で体重の立方根で除した値に有意な高値がみられた．しかし，絶対値に有意な差は認められないことと，

5%以内の僅かな差であることから，偶発的変動と考えられた.

4.2.7 新生児の乳頭数

新生児の乳頭数を Table 24，Appendix 24-1 ~ 24-4 に示す.

乳頭は，生後 13 日の雄新生児のいずれにも観察されなかった.

4.2.8 新生児の血清 T4 濃度

生後 13 日の新生児の血清 T4 濃度を Table 25，Appendix 25-1 ~ 25-4 に示す.

生後 13 日の新生児の血清 T4 濃度には, 被験物質投与群と対照群の間に有意な差はみられなかった.

4.2.9 新生児の剖検

新生児の剖検所見を Table 26，Appendix 26-1 ~ 26-4 に示す.

生後 13 日の生存児の剖検では，いずれの試験群にも異常はみられなかった.

生後 0-4 日の間に発見された死亡児では，いずれの動物にも異常はみられなかった.

5 考察

5.1 反復投与毒性

1000 mg/kg 投与群では，雌に一般状態観察で呼吸促拍，体重増加量および摂餌量に有意な低値あるいは低値傾向がみられ，被験物質投与による影響と考えられた．雌では Ca に有意な高値がみられ，高値を示す個体が多かった．しかし，病理組織学的検査では甲状腺および腎臓等に関連すると考えられる変化はみられず，サテライト群の雌では認められないことから，重篤な変化ではないと考えられた．雄では T4 濃度に有意な低値がみられたが，追加で実施した雌およびサテライト群の雄では，T4 の低値はみられなかった．さらに甲状腺あるいは下垂体の病理組織学的検査では，組織変化はみられないことから，重篤な変化ではないと考えられた．器官重量では雌雄の肝臓に有意な高値がみられ，病理組織学的検査では，主試験群雌およびサテライト群 (非交配群) 雌で小葉中心性肝細胞肥大の発生頻度の有意な増加がみられたが，雄ではこの変化は認められなかった．雌においても変化の程度は軽微であり，薬物代謝酵素誘導による適応反応と考えられ，可逆的変化と考えられた [8]．また，雄の腎臓重量に有意な高値がみられ，病理組織学的検査では，近位尿細管上皮の好酸性小体の発生頻度の有意な増加が観察され，被験物質投与に関連した変化と考えられた．この所見はα2u-グロブリン抗体による免疫染色を施した結果陽性であったことから，α2u-グロブリン腎症と判断された．しかし，α2u-グロブリン腎症は雄ラットに特有な変化であることから，ヒトには外挿できないとされており [9]，いずれも毒性影響ではないと考えられた．詳細な状態観察，機能検査，尿検査，血液

学的検査，剖検には，雌雄とも被験物質投与に関連する毒性影響はみられなかった.

200 mg/kg 投与群では，雌の肝臓の絶対および相対重量に有意な高値がみられたが，病理組織学的変化は認められず，背景データ (絶対重量；平均値±SD 9.272±2.181 g，最小値 ～ 最大値 5.79～13.58 g，相対重量；平均値±SD 3.003±0.453 g/100 g BW，最小値 ～ 最大値 2.13～4.18 g/100 g BW；例数 130，試験期間 2017～2022 年)[6] で範囲内であることから，毒性学的意義はないと考えられた. その他の検査項目には雌雄とも被験物質投与に関連する毒性影響はみられなかった.

40 mg/kg 投与群では，いずれの各検査項目にも，雌雄とも被験物質投与に関連する変化はみられなかった.

したがって，本試験条件下における 1-メトキシ-3- (3-メトキシプロポキシ) プロパンの反復投与毒性に関する無毒性量 (NOAEL) は雌雄とも 200 mg/kg/day と考えられた.

5.2 生殖発生毒性

生殖能検査では，性周期の異常の発現率，発情期間隔および発情回数，交尾率，受胎率，交尾所要日数，着床数，分娩率，妊娠期間，出産率，出産児数，ならびに出産時の生存児数および死亡児数に，1000 mg/kg 群まで被験物質投与に関連する変化はみられなかった.

新生児の検査では，1000 mg/kg 群で，生後 7 および 13 日の雌哺育児の体重に有意な低値がみられた．新生児の一般状態，生存率，性比，外表異常児出現率，肛門生殖突起間距離，乳頭数, T4 濃度および剖検に, 1000 mg/kg 群まで被験物質投与に関連する毒性影響はみられなかった.

以上のことから，本試験条件下における 1-メトキシ-3- (3-メトキシプロポキシ) プロパンの親動物の生殖および新生児の発生に対する無毒性量 (NOAEL) は，それぞれ 1000 および 200 mg/kg/day と考えられた.

6 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

動物番号 50151 (対照群) について，妊娠 13 日の投与前の一般状態観察を実施しなかった. 投与前観察は欠測値となるが，この動物の前日までの観察では一般状態に異常は認められず，当日の投与後の観察においても異常は認められなかった．従って，この逸脱は試験成績の信頼性に影響を及ぼさないと考えられた.

調製時の低用量群の被験物質秤量において, 目標値は 0.800 g ところ, 実測では 0.802 g となったため，SOP から逸脱した．本投与液は濃度分析の結果，基準範囲内であったことから，試験への影響はないと判断した.

その他に，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.

7 資料の保存

7.1 資料の種類

以下を株式会社化合物安全性研究所の資料保存室に保存する.

1. 試験計画書および試験計画書変更書
2. 生データその他の記録文書
3. 最終報告書
4. 標本
5. 被験物質サンプル

7.2 保存期間

試験終了後 10 年間保存し，その後の保存については試験委託者との協議により決定する.

7.3 試験場所での保存期間

Annex 2 に従う.

8 参考資料

1) 安全データシート：ジプロピレングリコールジメチルエーテル (異性体混合物), [redacted]
2) NITE-CHRIP：1-メトキシ-3-(3-メトキシプロポキシ)プロパン
3) 最終報告書：1-メトキシ-3- (3-メトキシプロポキシ) プロパンのラットにおける反復投与毒性･生殖発生毒性併合試験のための予備試験 (SR21144P)，株式会社化合物安全性研究所 2021 年
4) 握力/自発運動量測定 背景データ(Reprotox) Crl:CD(SD) ラット (2017～2022 年) 株式会社化合物安全性研究所 社内資料
5) 血液学的検査/血液化学的検査 背景データ(Reprotox) Crl:CD(SD) ラット (2017～2022 年) 株式会社化合物安全性研究所 社内資料
6) 器官重量 背景データ(Reprotox) Crl:CD(SD) ラット (2017～2022 年) 株式会社化合物安全性研究所 社内資料
7) 病理組織学的検査 背景データ ラット(2012～2021 年) 株式会社化合物安全性研究所 社内資料
8) 日本毒性病理学会編．新毒性病理組織学．西村書店．東京．2017 年
9) Swenberg, J.A., Short, B., Borghoff, S., Strasser, J., Charbonneau, M. (1989) The Comparative Pathobiology of α2u-Globulin Nephropathy. Toxicol. Appl. Pharmacol. 97, 35-46.

Figure 1 - 1

Study No. : SR21144

Body weight, Male

Period : Administration Day 1-28, Recovery Day 1-14

Species : Rat

Not significantly different from DPDME 0 mg/kg

Figure 1 - 2

Study No. : SR21144

Body weight, Female

Period : Administration Day 1-14, Gestation Day 0-20, Lactation Day 0-13

Species : Rat

Not significantly different from DPDME 0 mg/kg

Figure 1 - 3

Study No. : SR21144

Body weight, Female (satellite)

Period : Administration Day 1-28, Recovery Day 1-14

Species : Rat

Not significantly different from DPDME 0 mg/kg

Figure 2 - 1

Study No. : SR21144

Food consumption, Male

Period : Administration Day 1-28, Recovery Day 1-14

Species : Rat

Not significantly different from DPDME 0 mg/kg

Figure 2 - 2

Study No. : SR21144

Food consumption, Female

Period : Administration Day 1-14, Gestation Day 0-20, Lactation Day 0-13

Species : Rat

Significantly different from DPDME 0 mg/kg: * P<0.05, ** P<0.01
DT : Dunnett test (two-side)

Figure 2 - 3

Study No. : SR21144

Food consumption, Female (satellite) Period : Administration Day 1-28, Recovery Day 1-14

Species : Rat

Significantly different from DPDME 0 mg/kg: ** P<0.01
A2 : Welch test (two-side)

Figure 3

Study No. : SR21144

Body weight of offspring

Period : Postnatal Day 0-13

Species : Rat

Significantly different from DPDME 0 mg/kg: * P<0.05, ** P<0.01
DT : Dunnett test (two-side)

Table 1 - 1

Study No. : SR21144

Clinical sign

Period : Administration Day 1-14

Sex : Male

Species : Rat

Test article			Day	1		2		3		4		5		6		7		8	
Dose		Clinical signs	Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
DPDME	n			12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
0 mg/kg	No abnormality			12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
DPDME	n			12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
40 mg/kg	No abnormality			12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
DPDME	n			12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
200 mg/kg	No abnormality			12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
DPDME	n			12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
1000 mg/kg	No abnormality			12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12

Test article			Day	9		10		11		12		13		14	
Dose		Clinical signs	Time	1	2	1	2	1	2	1	2	1	2	1	2
DPDME	n			12	12	12	12	12	12	12	12	12	12	12	12
0 mg/kg	No abnormality			12	12	12	12	12	12	12	12	12	12	12	12
DPDME	n			12	12	12	12	12	12	12	12	12	12	12	12
40 mg/kg	No abnormality			12	12	12	12	12	12	12	12	12	12	12	12
DPDME	n			12	12	12	12	12	12	12	12	12	12	12	12
200 mg/kg	No abnormality			12	12	12	12	12	12	12	12	12	12	12	12
DPDME	n			12	12	12	12	12	12	12	12	12	12	12	12
1000 mg/kg	No abnormality			12	12	12	12	12	12	12	12	12	12	12	12

1 : Before dosing, 2 : After dosing

Table 1 - 2

Study No. : SR21144

Clinical sign

Period : Administration Day 15-29

Sex : Male

Species : Rat

Test article			Day	15		16		17		18		19		20		21		22	
Dose		Clinical signs	Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
DPDME	n			12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
0 mg/kg	No abnormality			12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
DPDME	n			12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
40 mg/kg	No abnormality			12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
DPDME	n			12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
200 mg/kg	No abnormality			12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
DPDME	n			12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
1000 mg/kg	No abnormality			12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12

Test article			Day	23		24		25		26		27		28		29
Dose		Clinical signs	Time	1	2	1	2	1	2	1	2	1	2	1	2	3
DPDME	n			12	12	12	12	12	12	12	12	12	12	12	12	7
0 mg/kg	No abnormality			12	12	12	12	12	12	12	12	12	12	12	12	7
DPDME	n			12	12	12	12	12	12	12	12	12	12	12	12	12
40 mg/kg	No abnormality			12	12	12	12	12	12	12	12	12	12	12	12	12
DPDME	n			12	12	12	12	12	12	12	12	12	12	12	12	12
200 mg/kg	No abnormality			12	12	12	12	12	12	12	12	12	12	12	12	12
DPDME	n			12	12	12	12	12	12	12	12	12	12	12	12	7
1000 mg/kg	No abnormality			12	12	12	12	12	12	12	12	12	12	12	12	7

1 : Before dosing, 2 : After dosing, 3 : Necropsy day

Table 1 - 3

Study No. : SR21144

Clinical sign

Period : Administration Day 1-27

Sex : Female

Species : Rat

Test article			Day	1		2		3		4		5		6		7		8	
Dose		Clinical signs	Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
DPDME	n			12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
0 mg/kg	No abnormality			12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
DPDME	n			12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
40 mg/kg	No abnormality			12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
DPDME	n			12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
200 mg/kg	No abnormality			12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
DPDME	n			12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
1000 mg/kg	No abnormality			12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12

Test article			Day	9		10		11		12		13		14		15		16	
Dose		Clinical signs	Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
DPDME	n			12	12	12	12	12	12	12	12	12	12	12	12	10	10	6	6
0 mg/kg	No abnormality			12	12	12	12	12	12	12	12	12	12	12	12	10	10	6	6
DPDME	n			12	12	12	12	12	12	12	12	12	12	12	12	6	6	5	5
40 mg/kg	No abnormality			12	12	12	12	12	12	12	12	12	12	12	12	6	6	5	5
DPDME	n			12	12	12	12	12	12	12	12	12	12	12	12	9	9	4	4
200 mg/kg	No abnormality			12	12	12	12	12	12	12	12	12	12	12	12	9	9	4	4
DPDME	n			12	12	12	12	12	12	12	12	12	12	12	12	8	8	6	6
1000 mg/kg	No abnormality			12	12	12	12	12	12	12	12	12	12	12	12	8	8	6	6

Test article			Day	17		18		19		20		21		22		23		24	
Dose		Clinical signs	Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
DPDME	n			2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
0 mg/kg	No abnormality			2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
DPDME	n			2	2	1	1	1	1	0	0	0	0	0	0	0	0	0	0
40 mg/kg	No abnormality			2	2	1	1	1	1	0	0	0	0	0	0	0	0	0	0
DPDME	n			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
200 mg/kg	No abnormality			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DPDME	n			5	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1000 mg/kg	No abnormality			5	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1

Test article			Day	25		26		27	
Dose		Clinical signs	Time	1	2	1	2	1	2
DPDME	n			1	1	1	1	1	1
0 mg/kg	No abnormality			1	1	1	1	1	1
DPDME	n			0	0	0	0	0	0
40 mg/kg	No abnormality			0	0	0	0	0	0
DPDME	n			0	0	0	0	0	0
200 mg/kg	No abnormality			0	0	0	0	0	0
DPDME	n			1	1	0	0	0	0
1000 mg/kg	No abnormality			1	1	0	0	0	0

1 : Before dosing, 2 : After dosing

Table 1 - 4

Study No. : SR21144

Clinical sign

Period : Gestation Day 0-22

Sex : Female

Species : Rat

Test article		Day	0		1		2		3		4		5		6		7	
Dose	Clinical signs	Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
DPDME	n		11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
0 mg/kg	No abnormality		11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
	Subcutaneous mass		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DPDME	n		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
40 mg/kg	No abnormality		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
DPDME	n		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
200 mg/kg	No abnormality		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
DPDME	n		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
1000 mg/kg	No abnormality		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12

Test article		Day	8		9		10		11		12		13		14		15	
Dose	Clinical signs	Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
DPDME	n		11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
0 mg/kg	No abnormality		10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
	Subcutaneous mass		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
DPDME	n		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
40 mg/kg	No abnormality		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
DPDME	n		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
200 mg/kg	No abnormality		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
DPDME	n		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
1000 mg/kg	No abnormality		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12

Test article		Day	16		17		18		19		20		21		22	
Dose	Clinical signs	Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2
DPDME	n		11	11	11	11	11	11	11	11	11	11	11	11	3	3
0 mg/kg	No abnormality		10	10	10	10	10	10	10	10	10	10	10	10	3	3
	Subcutaneous mass		1	1	1	1	1	1	1	1	1	1	1	1	0	0
DPDME	n		12	12	12	12	12	12	12	12	12	12	12	12	5	4
40 mg/kg	No abnormality		12	12	12	12	12	12	12	12	12	12	12	12	5	4
DPDME	n		12	12	12	12	12	12	12	12	12	12	12	12	6	6
200 mg/kg	No abnormality		12	12	12	12	12	12	12	12	12	12	12	12	6	6
DPDME	n		12	12	12	12	12	12	12	12	12	12	12	12	2	2
1000 mg/kg	No abnormality		12	12	12	12	12	12	12	12	12	12	12	12	2	2

1 : Before dosing, 2 : After dosing

Table 1 - 5

Study No. : SR21144

Clinical sign

Period : Lactation Day 0-14

Sex : Female

Species : Rat

Test article		Day	0		1		2		3		4		5		6		7	
Dose	Clinical signs	Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
DPDME	n		11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
0 mg/kg	No abnormality		10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
	Subcutaneous mass		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
DPDME	n		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
40 mg/kg	No abnormality		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
DPDME	n		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
200 mg/kg	No abnormality		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
DPDME	n		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
1000 mg/kg	No abnormality		12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12

Test article		Day	8		9		10		11		12		13		14
Dose	Clinical signs	Time	1	2	1	2	1	2	1	2	1	2	1	2	3
DPDME	n		11	11	11	11	11	11	11	11	11	11	11	11	11
0 mg/kg	No abnormality		10	10	10	10	10	10	10	10	10	10	11	11	11
	Subcutaneous mass		1	1	1	1	1	1	1	1	1	1	0	0	0
DPDME	n		12	12	12	12	12	12	12	12	12	12	12	12	12
40 mg/kg	No abnormality		12	12	12	12	12	12	12	12	12	12	12	12	12
DPDME	n		12	12	12	12	12	12	12	12	12	12	12	12	12
200 mg/kg	No abnormality		12	12	12	12	12	12	12	12	12	12	12	12	12
DPDME	n		12	12	12	12	12	12	12	12	12	12	12	12	12
1000 mg/kg	No abnormality		12	12	12	12	12	12	12	12	12	12	12	12	12

1 : Before dosing, 2 : After dosing, 3 : Necropsy day

Table 1 - 6

Study No. : SR21144

Clinical sign

Period : Administration Day 1-29

Sex : Female (satellite)

Species : Rat

Test article			Day	1		2		3		4		5		6		7		8	
Dose		Clinical signs	Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
DPDME	n			10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
0 mg/kg	No abnormality			10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
DPDME	n			10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1000 mg/kg	No abnormality			10	10	10	10	10	9	9	9	9	9	9	9	9	9	10	10
	Tachypnea			0	0	0	0	0	1	1	1	1	1	1	1	1	1	0	0

Test article			Day	9		10		11		12		13		14		15		16	
Dose		Clinical signs	Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
DPDME	n			10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
0 mg/kg	No abnormality			10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
DPDME	n			10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1000 mg/kg	No abnormality			10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
	Tachypnea			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Test article			Day	17		18		19		20		21		22		23		24	
Dose		Clinical signs	Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
DPDME	n			10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
0 mg/kg	No abnormality			10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
DPDME	n			10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1000 mg/kg	No abnormality			10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
	Tachypnea			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Test article			Day	25		26		27		28		29
Dose		Clinical signs	Time	1	2	1	2	1	2	1	2	3
DPDME	n			10	10	10	10	10	10	10	10	5
0 mg/kg	No abnormality			10	10	10	10	10	10	10	10	5
DPDME	n			10	10	10	10	10	10	10	10	5
1000 mg/kg	No abnormality			10	10	10	10	10	10	10	10	5
	Tachypnea			0	0	0	0	0	0	0	0	0

1 : Before dosing, 2 : After dosing, 3 : Necropsy day

Table 1 - 7

Study No. : SR21144

Clinical sign

Period : Recovery Day 1-15

Sex : Male

Species : Rat

Test article			Day	1		2		3		4		5		6		7		8	
Dose		Clinical signs	Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
DPDME	n			5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
0 mg/kg	No abnormality			5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
DPDME	n			5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	No abnormality			5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5

Test article			Day	9		10		11		12		13		14		15
Dose		Clinical signs	Time	1	2	1	2	1	2	1	2	1	2	1	2	3
DPDME	n			5	5	5	5	5	5	5	5	5	5	5	5	5
0 mg/kg	No abnormality			5	5	5	5	5	5	5	5	5	5	5	5	5
DPDME	n			5	5	5	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	No abnormality			5	5	5	5	5	5	5	5	5	5	5	5	5

1 : AM, 2 : PM, 3 : Necropsy day

Table 1 - 8

Study No. : SR21144

Clinical sign

Period : Recovery Day 1-15

Sex : Female (satellite)

Species : Rat

Test article		Day	1		2		3		4		5		6		7		8	
Dose	Clinical signs	Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
DPDME	n		5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
0 mg/kg	No abnormality		5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
DPDME	n		5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	No abnormality		5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5

Test article		Day	9		10		11		12		13		14		15
Dose	Clinical signs	Time	1	2	1	2	1	2	1	2	1	2	1	2	3
DPDME	n		5	5	5	5	5	5	5	5	5	5	5	5	5
0 mg/kg	No abnormality		5	5	5	5	5	5	5	5	5	5	5	5	5
DPDME	n		5	5	5	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	No abnormality		5	5	5	5	5	5	5	5	5	5	5	5	5

1 : AM, 2 : PM, 3 : Necropsy day

Table 2 - 1

Study No. : SR21144

Detailed clinical observation (in the cage)

Sex : Male

Species : Rat

Stage	Group		Body position/ Posture 1	Respiratory pattern 1	Tremor/ Convulsion 1	Stereotype Rolling 0	Stereotype Repetitive circling 0	Bizarre behavior Self biting 1
Pre	0 mg/kg	n	12	12	12	12	12	12
	40 mg/kg	n	12	12	12	12	12	12
	200 mg/kg	n	12	12	12	12	12	12
	1000 mg/kg	n	12	12	12	12	12	12
Day 7	0 mg/kg	n	12	12	12	12	12	12
	40 mg/kg	n	12	12	12	12	12	12
	200 mg/kg	n	12	12	12	12	12	12
	1000 mg/kg	n	12	12	12	12	12	12
Day 14	0 mg/kg	n	12	12	12	12	12	12
	40 mg/kg	n	12	12	12	12	12	12
	200 mg/kg	n	12	12	12	12	12	12
	1000 mg/kg	n	12	12	12	12	12	12
Day 21	0 mg/kg	n	12	12	12	12	12	12
	40 mg/kg	n	12	12	12	12	12	12
	200 mg/kg	n	12	12	12	12	12	12
	1000 mg/kg	n	12	12	12	12	12	12
Day 28	0 mg/kg	n	12	12	12	12	12	12
	40 mg/kg	n	12	12	12	12	12	12
	200 mg/kg	n	12	12	12	12	12	12
	1000 mg/kg	n	12	12	12	12	12	12

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.
Not significantly different from DPDME 0 mg/kg

Table 2 - 2

Study No. : SR21144

Detailed clinical observation (in the cage)

Sex : Female

Species : Rat

Stage	Group		Body position/ Posture 1	Respiratory pattern 1	Tremor/ Convulsion 1	Stereotype Rolling 0	Stereotype Repetitive circling 0	Bizarre behavior Self biting 1
Pre	0 mg/kg	n	12	12	12	12	12	12
	40 mg/kg	n	12	12	12	12	12	12
	200 mg/kg	n	12	12	12	12	12	12
	1000 mg/kg	n	12	12	12	12	12	12
Day 7	0 mg/kg	n	12	12	12	12	12	12
	40 mg/kg	n	12	12	12	12	12	12
	200 mg/kg	n	12	12	12	12	12	12
	1000 mg/kg	n	12	12	12	12	12	12
Day 14	0 mg/kg	n	12	12	12	12	12	12
	40 mg/kg	n	12	12	12	12	12	12
	200 mg/kg	n	12	12	12	12	12	12
	1000 mg/kg	n	12	12	12	12	12	12
Day 21	0 mg/kg	n	12	12	12	12	12	12
	40 mg/kg	n	12	12	12	12	12	12
	200 mg/kg	n	12	12	12	12	12	12
	1000 mg/kg	n	12	12	12	12	12	12
Day 28	0 mg/kg	n	12	12	12	12	12	12
	40 mg/kg	n	12	12	12	12	12	12
	200 mg/kg	n	12	12	12	12	12	12
	1000 mg/kg	n	12	12	12	12	12	12

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.
Not significantly different from DPDME 0 mg/kg

Table 2 - 3

Study No. : SR21144

Detailed clinical observation (in the cage)

Sex : Female

Species : Rat

Stage	Group		Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Stereotype		Bizarre behavior
						Rolling	Repetitive circling	Self biting
			1	1	1	0	0	1
Day 35	0 mg/kg	n	12	12	12	12	12	12
	40 mg/kg	n	12	12	12	12	12	12
	200 mg/kg	n	12	12	12	12	12	12
	1000 mg/kg	n	12	12	12	12	12	12
Day 42	0 mg/kg	n	12	12	12	12	12	12
	40 mg/kg	n	12	12	12	12	12	12
	200 mg/kg	n	12	12	12	12	12	12
	1000 mg/kg	n	12	12	12	12	12	12
Day 49	0 mg/kg	n	12	12	12	12	12	12
	40 mg/kg	n	12	12	12	12	12	12
	200 mg/kg	n	12	12	12	12	12	12
	1000 mg/kg	n	12	12	12	12	12	12

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.
Not significantly different from DPDME 0 mg/kg

Table 2 - 4

Study No. : SR21144

Detailed clinical observation (in the cage)
Sex : Female (satellite)

Species : Rat

Stage	Group		Body position/ Posture 1	Respiratory pattern 1	Tremor/ Convulsion 1	Stereotype Rolling 0	Stereotype Repetitive circling 0	Bizarre behavior Self biting 1
Pre	0 mg/kg	n	10	10	10	10	10	10
	1000 mg/kg	n	10	10	10	10	10	10
Day 7	0 mg/kg	n	10	10	10	10	10	10
	1000 mg/kg	n	10	10	10	10	10	10
Day 14	0 mg/kg	n	10	10	10	10	10	10
	1000 mg/kg	n	10	10	10	10	10	10
Day 21	0 mg/kg	n	10	10	10	10	10	10
	1000 mg/kg	n	10	10	10	10	10	10
Day 28	0 mg/kg	n	10	10	10	10	10	10
	1000 mg/kg	n	10	10	10	10	10	10

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.
Not significantly different from DPDME 0 mg/kg

Table 2 - 5

Study No. : SR21144

Detailed clinical observation (in the cage)

Sex : Male

Species : Rat

Stage	Group		Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Stereotype		Bizarre behavior
						Rolling	Repetitive circling	Self biting
			1	1	1	0	0	1
Recovery day 7	0 mg/kg	n	5	5	5	5	5	5
	1000 mg/kg	n	5	5	5	5	5	5
Recovery day 14	0 mg/kg	n	5	5	5	5	5	5
	1000 mg/kg	n	5	5	5	5	5	5

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.
Not significantly different from DPDME 0 mg/kg

Table 2 - 6

Study No. : SR21144

Detailed clinical observation (in the cage)
Sex : Female (satellite)

Species : Rat

Stage	Group		Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Stereotype		Bizarre behavior
						Rolling	Repetitive circling	Self biting
			1	1	1	0	0	1
Recovery Day 7	0 mg/kg	n	5	5	5	5	5	5
	1000 mg/kg	n	5	5	5	5	5	5
Recovery Day 14	0 mg/kg	n	5	5	5	5	5	5
	1000 mg/kg	n	5	5	5	5	5	5

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.
Not significantly different from DPDME 0 mg/kg

Table 3 - 1

Study No. : SR21144

Detailed clinical observation (on the hand)

Sex : Male

Species : Rat

Stage	Group		Ease of Removal 1	Ease of Handling 1	Muscle tone 2	Piloerection 1	Fur 1	Eyes 1	Mucous membranes 0	Skin 1	Pupil size 1	Lacrimation 1	Salivation 1	Secretions/ Excretions 0
Pre	0 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	40 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	200 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	1000 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
Day 7	0 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	40 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	200 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	1000 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
Day 14	0 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	40 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	200 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	1000 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
Day 21	0 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	40 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	200 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	1000 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
Day 28	0 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	40 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	200 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	1000 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.
Not significantly different from DPDME 0 mg/kg

Table 3 - 2

Study No. : SR21144

Detailed clinical observation (on the hand)

Sex : Female

Species : Rat

Stage	Group		Ease of Removal 1	Ease of Removal 2	Handling 1	Muscle tone 2	Piloerection 1	Fur 1	Eyes 1	Mucous membranes 0	Skin 1	Pupil size 1	Lacrimation 1	Salivation 1	Secretions/ Excretions 0
Pre	0 mg/kg	n	12	0	12	12	12	12	12	12	12	12	12	12	12
	40 mg/kg	n	12	0	12	12	12	12	12	12	12	12	12	12	12
	200 mg/kg	n	12	0	12	12	12	12	12	12	12	12	12	12	12
	1000 mg/kg	n	12	0	12	12	12	12	12	12	12	12	12	12	12
Day 7	0 mg/kg	n	12	0	12	12	12	12	12	12	12	12	12	12	12
	40 mg/kg	n	12	0	12	12	12	12	12	12	12	12	12	12	12
	200 mg/kg	n	12	0	12	12	12	12	12	12	12	12	12	12	12
	1000 mg/kg	n	12	0	12	12	12	12	12	12	12	12	12	12	12
Day 14	0 mg/kg	n	12	0	12	12	12	12	12	12	12	12	12	12	12
	40 mg/kg	n	12	0	12	12	12	12	12	12	12	12	12	12	12
	200 mg/kg	n	12	0	12	12	12	12	12	12	12	12	12	12	12
	1000 mg/kg	n	12	0	12	12	12	12	12	12	12	12	12	12	12
Day 21	0 mg/kg	n	12	0	12	12	12	12	12	12	12	12	12	12	12
	40 mg/kg	n	12	0	12	12	12	12	12	12	12	12	12	12	12
	200 mg/kg	n	12	0	12	12	12	12	12	12	12	12	12	12	12
	1000 mg/kg	n	11	1	12	12	12	12	12	12	12	12	12	12	12
Day 28	0 mg/kg	n	12	0	12	12	12	12	12	12	12	12	12	12	12
	40 mg/kg	n	12	0	12	12	12	12	12	12	12	12	12	12	12
	200 mg/kg	n	12	0	12	12	12	12	12	12	12	12	12	12	12
	1000 mg/kg	n	12	0	12	12	12	12	12	12	12	12	12	12	12

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.
Not significantly different from DPDME 0 mg/kg

Table 3 - 3

Study No. : SR21144

Detailed clinical observation (on the hand)

Sex : Female

Species : Rat

Stage	Group		Ease of Removal 1	Ease of Handling 1	Muscle tone 2	Piloerection 1	Fur 1	Eyes 1	Mucous membranes 0	Skin 1	Pupil size 1	Lacrimation 1	Salivation 1	Secretions/ Excretions 0
Day 35	0 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	40 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	200 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	1000 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
Day 42	0 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	40 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	200 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	1000 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
Day 49	0 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	40 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	200 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12
	1000 mg/kg	n	12	12	12	12	12	12	12	12	12	12	12	12

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.
Not significantly different from DPDME 0 mg/kg

Table 3 - 4

Study No. : SR21144

Detailed clinical observation (on the hand)

Sex : Female (satellite)

Species : Rat

Stage	Group		Ease of Removal 1	Ease of Handling 1	Muscle tone 2	Piloerection 1	Fur 1	Eyes 1	Mucous membranes 0	Skin 1	Pupil size 1	Lacrimation 1	Salivation 1	Secretions/ Excretions 0
Pre	0 mg/kg	n	10	10	10	10	10	10	10	10	10	10	10	10
	1000 mg/kg	n	10	10	10	10	10	10	10	10	10	10	10	10
Day 7	0 mg/kg	n	10	10	10	10	10	10	10	10	10	10	10	10
	1000 mg/kg	n	10	10	10	10	10	10	10	10	10	10	10	10
Day 14	0 mg/kg	n	10	10	10	10	10	10	10	10	10	10	10	10
	1000 mg/kg	n	10	10	10	10	10	10	10	10	10	10	10	10
Day 21	0 mg/kg	n	10	10	10	10	10	10	10	10	10	10	10	10
	1000 mg/kg	n	10	10	10	10	10	10	10	10	10	10	10	10
Day 28	0 mg/kg	n	10	10	10	10	10	10	10	10	10	10	10	10
	1000 mg/kg	n	10	10	10	10	10	10	10	10	10	10	10	10

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.
Not significantly different from DPDME 0 mg/kg

Table 3 - 5

Study No. : SR21144

Detailed clinical observation (on the hand)

Sex : Male

Species : Rat

Stage	Group		Ease of Removal 1	Ease of Handling 1	Muscle tone 2	Piloerection 1	Fur 1	Eyes 1	Mucous membranes 0	Skin 1	Pupil size 1	Lacrimation 1	Salivation 1	Secretions/ Excretions 0
Recovery day 7	0 mg/kg	n	5	5	5	5	5	5	5	5	5	5	5	5
	1000 mg/kg	n	5	5	5	5	5	5	5	5	5	5	5	5
Recovery day 14	0 mg/kg	n	5	5	5	5	5	5	5	5	5	5	5	5
	1000 mg/kg	n	5	5	5	5	5	5	5	5	5	5	5	5

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.
Not significantly different from DPDME 0 mg/kg

Table 3 - 6

Study No. : SR21144

Detailed clinical observation (on the hand)

Sex : Female (satellite)

Species : Rat

Stage	Group		Ease of Removal 1	Ease of Handling 1	Muscle tone 2	Piloerection 1	Fur 1	Eyes 1	Mucous membranes 0	Skin 1	Pupil size 1	Lacrimation 1	Salivation 1	Secretions/ Excretions 0
Recovery Day 7	0 mg/kg	n	5	5	5	5	5	5	5	5	5	5	5	5
	1000 mg/kg	n	5	5	5	5	5	5	5	5	5	5	5	5
Recovery Day 14	0 mg/kg	n	5	5	5	5	5	5	5	5	5	5	5	5
	1000 mg/kg	n	5	5	5	5	5	5	5	5	5	5	5	5

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.
Not significantly different from DPDME 0 mg/kg

Table 4 - 1

Study No. : SR21144

Detailed clinical observation (in the open field)

Sex : Male

Species : Rat

Stage	Group		Gait 1	Co-ordination of movement 1	Reactivity to stimuli 1	Searching 1	Urination 0	Urination 1		Defecation 0	Defecation 1	Stereotype: Excessive grooming 0	Stereotype: Excessive grooming 1	Stereotype: Unusual head movement 0	Bizarre behavior: Walking backward 1	Bizarre behavior: Vocalization 1	Aggression 1
Pre	0 mg/kg	n	12	12	12	12	9	3		7	5	12	0	12	12	12	12
	40 mg/kg	n	12	12	12	12	7	5		7	5	12	0	12	12	12	12
	200 mg/kg	n	12	12	12	12	4	8		9	3	12	0	12	12	12	12
	1000 mg/kg	n	12	12	12	12	11	1		7	5	12	0	12	12	12	12
Day 7	0 mg/kg	n	12	12	12	12	4	8		8	4	12	0	12	12	12	12
	40 mg/kg	n	12	12	12	12	9	3		9	3	12	0	12	12	12	12
	200 mg/kg	n	12	12	12	12	6	6		11	1	12	0	12	12	12	12
	1000 mg/kg	n	12	12	12	12	4	8		10	2	12	0	12	12	12	12
Day 14	0 mg/kg	n	12	12	12	12	5	7		9	3	12	0	12	12	12	12
	40 mg/kg	n	12	12	12	12	8	4		9	3	12	0	12	12	12	12
	200 mg/kg	n	12	12	12	12	7	5		11	1	12	0	12	12	12	12
	1000 mg/kg	n	12	12	12	12	5	7		7	5	11	1	12	12	12	12
Day 21	0 mg/kg	n	12	12	12	12	5	7		8	4	12	0	12	12	12	12
	40 mg/kg	n	12	12	12	12	9	3		10	2	12	0	12	12	12	12
	200 mg/kg	n	12	12	12	12	10	2		11	1	12	0	12	12	12	12
	1000 mg/kg	n	12	12	12	12	3	9		9	3	12	0	12	12	12	12
Day 28	0 mg/kg	n	12	12	12	12	4	8		11	1	12	0	12	12	12	12
	40 mg/kg	n	12	12	12	12	12	0	ST $$	11	1	12	0	12	12	12	12
	200 mg/kg	n	12	12	12	12	9	3		12	0	12	0	12	12	12	12
	1000 mg/kg	n	12	12	12	12	6	6		9	3	12	0	12	12	12	12

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.
Significantly different from DPDME 0 mg/kg : $$ P<0.01
ST : Steel tast (two-side)

Table 4 - 2

Study No. : SR21144

Detailed clinical observation (in the open field)

Sex : Female

Species : Rat

Stage	Group		Gait 1	Co-ordination of movement 1	Reactivity to stimuli 1	Searching 1	Urination 0	Urination 1	Defecation 0	Defecation 1	Stereotype: Excessive grooming 0	Stereotype: Unusual head movement 0	Bizarre behavior: Walking backward 1	Bizarre behavior: Vocaliza-tion 1	Aggression 1
Pre	0 mg/kg	n	12	12	12	12	12	0	11	1	12	12	12	12	12
	40 mg/kg	n	12	12	12	12	12	0	12	0	12	12	12	12	12
	200 mg/kg	n	12	12	12	12	12	0	12	0	12	12	12	12	12
	1000 mg/kg	n	12	12	12	12	11	1	11	1	12	12	12	12	12
Day 7	0 mg/kg	n	12	12	12	12	12	0	12	0	12	12	12	12	12
	40 mg/kg	n	12	12	12	12	12	0	12	0	12	12	12	12	12
	200 mg/kg	n	12	12	12	12	11	1	12	0	12	12	12	12	12
	1000 mg/kg	n	12	12	12	12	12	0	12	0	12	12	12	12	12
Day 14	0 mg/kg	n	12	12	12	12	12	0	11	1	12	12	12	12	12
	40 mg/kg	n	12	12	12	12	12	0	12	0	12	12	12	12	12
	200 mg/kg	n	12	12	12	12	12	0	12	0	12	12	12	12	12
	1000 mg/kg	n	12	12	12	12	12	0	12	0	12	12	12	12	12
Day 21	0 mg/kg	n	12	12	12	12	12	0	11	1	12	12	12	12	12
	40 mg/kg	n	12	12	12	12	11	1	12	0	12	12	12	12	12
	200 mg/kg	n	12	12	12	12	12	0	12	0	12	12	12	12	12
	1000 mg/kg	n	12	12	12	12	11	1	11	1	12	12	12	12	12
Day 28	0 mg/kg	n	12	12	12	12	11	1	12	0	12	12	12	12	12
	40 mg/kg	n	12	12	12	12	11	1	12	0	12	12	12	12	12
	200 mg/kg	n	12	12	12	12	12	0	12	0	12	12	12	12	12
	1000 mg/kg	n	12	12	12	12	11	1	12	0	12	12	12	12	12

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.
Not significantly different from DPDME 0 mg/kg

Table 4 - 3

Study No. : SR21144

Detailed clinical observation (in the open field)

Sex : Female

Species : Rat

Stage	Group		Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination		Defecation		Stereotype: Excessive grooming		Stereotype: Unusual head movement	Bizarre behavior: Walking backward	Bizarre behavior: Vocalization	Aggression
			1	1	1	1	0	1	0	1	0	1	0	1	1	1
Day 35	0 mg/kg	n	12	12	12	12	11	1	11	1	12	0	12	12	12	12
	40 mg/kg	n	12	12	12	12	11	1	12	0	12	0	12	12	12	12
	200 mg/kg	n	12	12	12	12	12	0	11	1	12	0	12	12	12	12
	1000 mg/kg	n	12	12	12	12	12	0	11	1	12	0	12	12	12	12
Day 42	0 mg/kg	n	12	12	12	12	12	0	12	0	12	0	12	12	12	12
	40 mg/kg	n	12	12	12	12	11	1	12	0	12	0	12	12	12	12
	200 mg/kg	n	12	12	12	12	11	1	12	0	12	0	12	12	12	12
	1000 mg/kg	n	12	12	12	12	10	2	11	1	12	0	12	12	12	12
Day 49	0 mg/kg	n	12	12	12	12	11	1	12	0	12	0	12	12	12	12
	40 mg/kg	n	12	12	12	12	12	0	12	0	12	0	12	12	12	12
	200 mg/kg	n	12	12	12	12	11	1	12	0	12	0	12	12	12	12
	1000 mg/kg	n	12	12	12	12	11	1	10	2	11	1	12	12	12	12

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.
Not significantly different from DPDME 0 mg/kg

Table 4 - 4

Study No. : SR21144

Detailed clinical observation (in the open field)
Sex : Female (satellite)

Species : Rat

Stage	Group		Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination		Defecation		Stereotype: Excessive grooming	Stereotype: Unusual head movement	Bizarre behavior: Walking backward	Bizarre behavior: Vocalization	Aggression
			1	1	1	1	0	1	0	1	0	0	1	1	1
Pre	0 mg/kg	n	10	10	10	10	8	2	9	1	10	10	10	10	10
	1000 mg/kg	n	10	10	10	10	8	2	9	1	10	10	10	10	10
Day 7	0 mg/kg	n	10	10	10	10	10	0	10	0	10	10	10	10	10
	1000 mg/kg	n	10	10	10	10	9	1	10	0	10	10	10	10	10
Day 14	0 mg/kg	n	10	10	10	10	8	2	10	0	10	10	10	10	10
	1000 mg/kg	n	10	10	10	10	7	3	10	0	10	10	10	10	10
Day 21	0 mg/kg	n	10	10	10	10	9	1	10	0	10	10	10	10	10
	1000 mg/kg	n	10	10	10	10	7	3	10	0	10	10	10	10	10
Day 28	0 mg/kg	n	10	10	10	10	9	1	10	0	10	10	10	10	10
	1000 mg/kg	n	10	10	10	10	8	2	10	0	10	10	10	10	10

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.
Not significantly different from DPDME 0 mg/kg

Table 4 - 5

Study No. : SR21144

Detailed clinical observation (in the open field)

Sex : Male

Species : Rat

Stage	Group		Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination		Defecation		Stereotype: Excessive grooming	Stereotype: Unusual head movement	Bizarre behavior: Walking backward	Bizarre behavior: Vocalization	Aggression
			1	1	1	1	0	1	0	1	0	0	1	1	1
Recovery day 7	0 mg/kg	n	5	5	5	5	3	2	3	2	5	5	5	5	5
	1000 mg/kg	n	5	5	5	5	2	3	5	0	5	5	5	5	5
Recovery day 14	0 mg/kg	n	5	5	5	5	5	0	5	0	5	5	5	5	5
	1000 mg/kg	n	5	5	5	5	3	2	5	0	5	5	5	5	5

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.
Not significantly different from DPDME 0 mg/kg

Table 4 - 6

Study No. : SR21144

Detailed clinical observation (in the open field)
Sex : Female (satellite)

Species : Rat

Stage	Group		Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination		Defecation	Stereotype: Excessive grooming	Stereotype: Unusual head movement	Bizarre behavior: Walking backward	Bizarre behavior: Vocalization	Aggression
			1	1	1	1	0	1	0	0	0	1	1	1
Recovery Day 7	0 mg/kg	n	5	5	5	5	3	2	5	5	5	5	5	5
	1000 mg/kg	n	5	5	5	5	4	1	5	5	5	5	5	5
Recovery Day 14	0 mg/kg	n	5	5	5	5	5	0	5	5	5	5	5	5
	1000 mg/kg	n	5	5	5	5	5	0	5	5	5	5	5	5

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.
Not significantly different from DPDME 0 mg/kg

Table 5 - 1

Study No. : SR21144

Functional observations (on the desk)

Stage : Week 4

Sex : Male

Species : Rat

Group		Reactivity					Righting reflex
		Visual	Touch	Auditory	Pain	Proprioceptive	
		4	2	1	2	1	1
0 mg/kg	n	5	5	5	5	5	5
40 mg/kg	n	5	5	5	5	5	5
200 mg/kg	n	5	5	5	5	5	5
1000 mg/kg	n	5	5	5	5	5	5

Visual reactivity) 1;Jumping, 2;Turning away, 3;No reaction, 4;Approach, 5;Attack.
Touch reactivity) 1;Hyposensitive, 2;Turning away, 3;Hypersensitive.
Auditory reactivity) 0;No reaction, 1;Normal, moving the auricle, 2;Sensitive, moving the body, 3;Hypersensitive, surprising and jumping.
Pain reactivity) 0;No reaction, 1;Dull, vocalizing, 2;Normal, vocalizing and turning back, 3;Hypersensitive, attacking or jumping.
Proprioceptive reactivity) 0;No returning, 1;Returning.
Righting reflex) 1;Normal, landing by foot, 2;Abnormal, landing by body.
Not significantly different from DPDME 0 mg/kg

Table 5 - 2

Study No. : SR21144

Functional observations (on the desk)

Stage : Lactation day 13

Sex : Female

Species : Rat

Group		Reactivity					Righting reflex
		Visual	Touch	Auditory	Pain	Proprioceptive	
		4	2	1	2	1	1
0 mg/kg	n	5	5	5	5	5	5
40 mg/kg	n	5	5	5	5	5	5
200 mg/kg	n	5	5	5	5	5	5
1000 mg/kg	n	5	5	5	5	5	5

Visual reactivity) 1;Jumping, 2;Turning away, 3;No reaction, 4;Approach, 5;Attack.
Touch reactivity) 1;Hyposensitive, 2;Turning away, 3;Hypersensitive.
Auditory reactivity) 0;No reaction, 1;Normal, moving the auricle, 2;Sensitive, moving the body, 3;Hypersensitive, surprising and jumping.
Pain reactivity) 0;No reaction, 1;Dull, vocalizing, 2;Normal, vocalizing and turning back, 3;Hypersensitive, attacking or jumping.
Proprioceptive reactivity) 0;No returning, 1;Returning.
Righting reflex) 1;Normal, landing by foot, 2;Abnormal, landing by body.
Not significantly different from DPDME 0 mg/kg

Table 5 - 3

Study No. : SR21144

Functional observations (on the desk)

Stage : Week 4

Sex : Female (satellite)

Species : Rat

Group		Reactivity					Righting reflex
		Visual	Touch	Auditory	Pain	Proprioceptive	
		4	2	1	2	1	1
0 mg/kg	n	5	5	5	5	5	5
1000 mg/kg	n	5	5	5	5	5	5

Visual reactivity) 1;Jumping, 2;Turning away, 3;No reaction, 4;Approach, 5;Attack.
Touch reactivity) 1;Hyposensitive, 2;Turning away, 3;Hypersensitive.
Auditory reactivity) 0;No reaction, 1;Normal, moving the auricle, 2;Sensitive, moving the body, 3;Hypersensitive, surprising and jumping.
Pain reactivity) 0;No reaction, 1;Dull, vocalizing, 2;Normal, vocalizing and turning back, 3;Hypersensitive, attacking or jumping.
Proprioceptive reactivity) 0;No returning, 1;Returning.
Righting reflex) 1;Normal, landing by foot, 2;Abnormal, landing by body.
Not significantly different from DPDME 0 mg/kg

Table 5 - 4

Study No. : SR21144

Functional observations (on the desk)

Stage : Recovery week 2

Sex : Male

Species : Rat

Group		Reactivity					Righting reflex
		Visual	Touch	Auditory	Pain	Proprioceptive	
		4	2	1	2	1	1
0 mg/kg	n	5	5	5	5	5	5
1000 mg/kg	n	5	5	5	5	5	5

Visual reactivity) 1;Jumping, 2;Turning away, 3;No reaction, 4;Approach, 5;Attack.
Touch reactivity) 1;Hyposensitive, 2;Turning away, 3;Hypersensitive.
Auditory reactivity) 0;No reaction, 1;Normal, moving the auricle, 2;Sensitive, moving the body, 3;Hypersensitive, surprising and jumping.
Pain reactivity) 0;No reaction, 1;Dull, vocalizing, 2;Normal, vocalizing and turning back, 3;Hypersensitive, attacking or jumping.
Proprioceptive reactivity) 0;No returning, 1;Returning.
Righting reflex) 1;Normal, landing by foot, 2;Abnormal, landing by body.
Not significantly different from DPDME 0 mg/kg

Table 6 - 1

Study No. : SR21144

Grip strength

Stage : Week 4

Sex : Male

Species : Rat

Test article Dose		Forelimb g	Hindlimb g
DPDME	n	5	5
0 mg/kg	Mean	1492.38	518.14
	S.D.	97.21	52.34
DPDME	n	5	5
40 mg/kg	Mean	1488.20	492.82
	S.D.	87.67	34.89
DPDME	n	5	5
200 mg/kg	Mean	1313.72	442.94
	S.D.	81.65	42.82
		DT **	
DPDME	n	5	5
1000 mg/kg	Mean	1235.02	501.20
	S.D.	59.97	81.30
		DT **	

Significantly different from DPDME 0 mg/kg: ** P<0.01

DT : Dunnett test (two-side)

Table 6 - 2

Study No. : SR21144

Grip strength

Stage : Lactation day 13

Sex : Female

Species : Rat

Test article Dose		Forelimb g	Hindlimb g
DPDME	n	5	5
0 mg/kg	Mean	1386.40	475.40
	S.D.	125.53	35.83
DPDME	n	5	5
40 mg/kg	Mean	1412.86	510.48
	S.D.	59.03	32.19
DPDME	n	5	5
200 mg/kg	Mean	1370.94	456.12
	S.D.	116.79	85.83
DPDME	n	5	5
1000 mg/kg	Mean	1196.40	422.86
	S.D.	173.71	66.02

Not significantly different from DPDME 0 mg/kg

Table 6 - 3

Study No. : SR21144

Grip strength

Stage : Week 4

Sex : Female (satellite)

Species : Rat

Test article Dose		Forelimb g	Hindlimb g
DPDME	n	5	5
0 mg/kg	Mean	1184.46	341.94
	S.D.	85.88	66.98
DPDME	n	5	5
1000 mg/kg	Mean	1031.42	300.06
	S.D.	174.27	61.62

Not significantly different from DPDME 0 mg/kg

Table 6 - 4

Study No. : SR21144

Grip strength

Stage : Recovery Week 2

Sex : Male

Species : Rat

Test article Dose		Forelimb g	Hindlimb g
DPDME	n	5	5
0 mg/kg	Mean	1695.40	580.74
	S.D.	146.88	78.98
DPDME	n	5	5
1000 mg/kg	Mean	1766.60	616.66
	S.D.	212.01	111.95

Not significantly different from DPDME 0 mg/kg

Table 7 - 1

Study No. : SR21144

Motor activity measurements

Stage : Week 4

Sex : Male

Species : Rat

Test article Dose		0' - 10' No.	10' - 20' No.	20' - 30' No.	30' - 40' No.	40' - 50' No.	50' - 60' No.	0' - 60' No.
DPDME	n	5	5	5	5	5	5	5
0 mg/kg	Mean	583.4	392.2	296.4	165.2	120.0	66.0	1623.2
	S.D.	137.6	117.1	150.3	69.6	118.2	87.7	545.6
DPDME	n	5	5	5	5	5	5	5
40 mg/kg	Mean	385.2	152.6	50.0	46.4	22.8	19.0	676.0
	S.D.	201.2	57.7	34.7	27.2	35.2	30.5	250.3
			DT **	ST *	ST *			DT **
DPDME	n	5	5	5	5	5	5	5
200 mg/kg	Mean	391.6	252.6	178.6	114.4	79.8	33.2	1050.2
	S.D.	80.5	57.9	129.0	88.6	73.2	53.1	396.2
			DT *					
DPDME	n	5	5	5	5	5	5	5
1000 mg/kg	Mean	353.6	134.2	88.8	8.0	11.6	38.2	634.4
	S.D.	199.4	81.9	51.4	13.0	25.9	77.8	316.5
			DT **	ST *	ST *			DT **

Significantly different from DPDME 0 mg/kg: * P<0.05, ** P<0.01

DT : Dunnett test (two-side), ST : Steel test (two-side)

Table 7 - 2

Study No. : SR21144

Motor activity measurements

Stage : Lactation day 13

Sex : Female

Species : Rat

Test article Dose		0' - 10' No.	10' - 20' No.	20' - 30' No.	30' - 40' No.	40' - 50' No.	50' - 60' No.	0' - 60' No.
DPDME	n	5	5	5	5	5	5	5
0 mg/kg	Mean	441.8	206.6	96.0	122.4	85.2	76.0	1028.0
	S.D.	165.8	61.8	85.9	104.7	56.3	67.4	273.7
DPDME	n	5	5	5	5	5	5	5
40 mg/kg	Mean	629.0	294.8	229.0	146.0	166.4	111.4	1576.6
	S.D.	151.4	149.0	189.6	116.9	112.0	95.2	664.9
DPDME	n	5	5	5	5	5	5	5
200 mg/kg	Mean	543.8	135.0	27.6	26.6	0.0	7.6	740.6
	S.D.	101.9	112.4	25.8	53.5	0.0	16.4	248.8
						ST *		
DPDME	n	5	5	5	5	5	5	5
1000 mg/kg	Mean	213.8	114.0	35.0	68.0	36.8	60.4	528.0
	S.D.	72.7	112.5	26.4	57.9	62.8	79.3	245.1
		DT *						

Significantly different from DPDME 0 mg/kg: * P<0.05

DT : Dunnett test (two-side), ST : Steel test (two-side)

Table 7 - 3

Study No. : SR21144

Motor activity measurements

Stage : Week 4

Sex : Female (satellite)

Species : Rat

Test article Dose		0' - 10' No.	10' - 20' No.	20' - 30' No.	30' - 40' No.	40' - 50' No.	50' - 60' No.	0' - 60' No.
DPDME	n	5	5	5	5	5	5	5
0 mg/kg	Mean	548.6	380.6	224.6	121.2	48.4	61.6	1385.0
	S.D.	62.2	68.9	105.8	70.7	49.4	56.7	255.3
DPDME	n	5	5	5	5	5	5	5
1000 mg/kg	Mean	555.6	260.0	194.4	68.2	30.2	34.0	1142.4
	S.D.	138.3	145.5	149.2	61.7	61.6	76.0	323.9

Not significantly different from DPDME 0 mg/kg

Table 7 - 4

Study No. : SR21144

Motor activity measurements

Stage : Recovery Week 2

Sex : Male

Species : Rat

Test article Dose		0' - 10' No.	10' - 20' No.	20' - 30' No.	30' - 40' No.	40' - 50' No.	50' - 60' No.	0' - 60' No.
DPDME	n	5	5	5	5	5	5	5
0 mg/kg	Mean	648.4	421.6	331.6	248.8	202.4	123.8	1976.6
	S.D.	224.1	212.6	161.7	152.5	139.9	135.7	971.5
DPDME	n	5	5	5	5	5	5	5
1000 mg/kg	Mean	550.0	246.8	165.4	131.4	91.0	142.4	1327.0
	S.D.	56.5	82.5	73.9	83.0	37.5	68.7	306.5

Not significantly different from DPDME 0 mg/kg

Table 8 - 1

Study No. : SR21144

Body weight

Period : Administration Day 1-28

Sex : Male

Unit : g

Species : Rat

Test article		/Day						Body weight
Dose		1	4	7	14	21	28	gain
DPDME	n	12	12	12	12	12	12	12
0 mg/kg	Mean	459.1	466.3	474.7	493.3	510.6	528.3	69.3
	S.D.	26.1	29.7	28.1	30.7	33.0	36.6	18.2
DPDME	n	12	12	12	12	12	12	12
40 mg/kg	Mean	457.5	469.3	477.9	498.3	517.5	535.2	77.7
	S.D.	28.3	28.5	30.7	35.2	40.0	45.4	26.2
DPDME	n	12	12	12	12	12	12	12
200 mg/kg	Mean	456.8	465.3	475.7	495.1	512.3	531.0	74.3
	S.D.	23.5	26.0	27.6	30.1	32.8	37.4	23.2
DPDME	n	12	12	12	12	12	12	12
1000 mg/kg	Mean	458.8	466.7	478.2	497.6	512.0	532.1	73.3
	S.D.	26.4	27.7	31.3	39.1	38.6	43.0	22.4

Not significantly different from DPDME 0 mg/kg

Table 8 - 2

Study No. : SR21144

Body weight

Period : Administration Day 1-14

Sex : Female

Unit : g

Species : Rat

Test article Dose		/Day 1	4	7	14	Body weight gain
DPDME	n	12	12	12	12	12
0 mg/kg	Mean	266.8	269.9	275.4	284.4	17.7
	S.D.	9.7	10.6	11.8	11.5	6.9
DPDME	n	12	12	12	12	12
40 mg/kg	Mean	270.2	274.5	280.5	289.2	19.0
	S.D.	14.1	15.6	16.3	16.9	7.4
DPDME	n	12	12	12	12	12
200 mg/kg	Mean	269.8	274.6	280.9	292.2	22.3
	S.D.	8.7	15.3	12.9	11.1	7.1
DPDME	n	12	12	12	12	12
1000 mg/kg	Mean	267.5	267.1	267.5	275.5	8.0
	S.D.	17.3	15.0	13.5	14.0	7.7
						DT **

Significantly different from DPDME 0 mg/kg: ** P<0.01

DT : Dunnett test (two-side)

Table 8 - 3

Study No. : SR21144

Body weight

Period : Gestation Day 0-20

Sex : Female

Unit : g

Species : Rat

Test article		/Day				Body weight
Dose		0	7	14	20	gain
DPDME	n	11	11	11	11	11
0 mg/kg	Mean	288.5	326.3	364.0	447.6	159.2
	S.D.	12.1	11.3	10.8	19.5	17.5
DPDME	n	12	12	12	12	12
40 mg/kg	Mean	293.9	332.3	372.9	461.0	167.1
	S.D.	15.7	19.7	23.5	28.2	17.8
DPDME	n	12	12	12	12	12
200 mg/kg	Mean	295.8	332.9	374.4	459.5	163.8
	S.D.	13.1	15.9	19.1	24.3	19.8
DPDME	n	12	12	12	12	12
1000 mg/kg	Mean	287.6	322.9	360.4	438.3	150.7
	S.D.	25.3	27.0	32.4	40.2	22.2

Not significantly different from DPDME 0 mg/kg

Table 8 - 4

Study No. : SR21144

Body weight

Period : Lactation Day 0-13

Sex : Female

Unit : g

Species : Rat

Test article		/Day				Body weight
Dose		0	4	7	13	gain
DPDME	n	11	11	11	11	11
0 mg/kg	Mean	332.7	359.2	370.2	372.8	40.1
	S.D.	19.9	18.8	19.3	15.8	13.7
DPDME	n	12	12	12	12	12
40 mg/kg	Mean	339.6	367.7	369.7	378.1	38.5
	S.D.	26.1	28.1	18.8	21.1	23.6
DPDME	n	12	12	12	12	12
200 mg/kg	Mean	346.3	374.1	376.6	382.5	36.2
	S.D.	16.8	18.1	19.2	20.0	17.5
DPDME	n	12	12	12	12	12
1000 mg/kg	Mean	328.6	364.0	369.8	375.8	47.3
	S.D.	32.2	26.3	27.7	30.2	19.4

Not significantly different from DPDME 0 mg/kg

Table 8 - 5

Study No. : SR21144

Body weight

Period : Adinistration Day 1-28

Sex : Female (satellite)

Unit : g

Species : Rat

Test article		/Day						Body weight
Dose		1	4	7	14	21	28	gain
DPDME	n	10	10	10	10	10	10	10
0 mg/kg	Mean	267.1	268.6	274.7	281.4	289.3	295.5	28.4
	S.D.	10.8	9.6	15.1	17.3	16.8	17.2	9.5
DPDME	n	10	10	10	10	10	10	10
1000 mg/kg	Mean	268.4	261.4	265.0	280.4	280.8	288.3	19.9
	S.D.	13.1	8.7	11.5	13.3	13.0	15.2	12.5

Not significantly different from DPDME 0 mg/kg

Table 8 - 6

Study No. : SR21144

Body weight

Period : Recovery Day 1-15

Sex : Male

Unit : g

Species : Rat

Test article		/Day			Body weight
Dose		1	7	14	gain
DPDME	n	5	5	5	5
0 mg/kg	Mean	524.4	545.0	558.6	34.2
	S.D.	17.0	19.1	21.7	6.3
DPDME	n	5	5	5	5
1000 mg/kg	Mean	531.2	553.6	569.6	38.4
	S.D.	26.5	25.6	27.4	4.4

Not significantly different from DPDME 0 mg/kg

Table 8 - 7

Study No. : SR21144

Body weight

Period : Recovery Day 1-15

Sex : Female (satellite)

Unit : g

Species : Rat

Test article		/Day			Body weight
Dose		1	7	14	gain
DPDME	n	5	5	5	5
0 mg/kg	Mean	299.2	309.6	317.8	18.6
	S.D.	22.8	29.5	27.0	9.9
DPDME	n	5	5	5	5
1000 mg/kg	Mean	294.0	310.0	325.2	31.2
	S.D.	14.7	25.6	27.4	20.0

Not significantly different from DPDME 0 mg/kg

Table 9 - 1

Study No. : SR21144

Food consumption

Period : Administration Day 1-28

Sex : Male

Unit : g

Species : Rat

Test article		/Day			
Dose		4	7	14	28
DPDME	n	12	12	12	11
0 mg/kg	Mean	26.51	26.03	26.82	27.58
	S.D.	2.94	2.03	2.02	2.53
DPDME	n	12	12	12	12
40 mg/kg	Mean	27.83	27.02	27.37	27.80
	S.D.	1.95	2.80	2.02	2.71
DPDME	n	12	12	12	12
200 mg/kg	Mean	26.50	26.64	27.12	28.24
	S.D.	2.43	2.07	2.30	2.87
DPDME	n	12	12	12	11
1000 mg/kg	Mean	24.38	25.65	26.61	28.35
	S.D.	1.74	2.27	2.77	2.90

Not significantly different from DPDME 0 mg/kg

Table 9 - 2

Study No. : SR21144

Food consumption

Period : Administration Day 1-14

Sex : Female

Unit : g

Species : Rat

Test article		/Day		
Dose		4	7	14
DPDME	n	12	12	12
0 mg/kg	Mean	19.33	18.66	19.55
	S.D.	1.70	1.67	1.18
DPDME	n	12	12	12
40 mg/kg	Mean	19.11	19.30	20.03
	S.D.	2.15	1.44	1.69
DPDME	n	12	12	12
200 mg/kg	Mean	19.13	19.55	19.95
	S.D.	1.74	2.47	1.46
DPDME	n	12	12	12
1000 mg/kg	Mean	15.71	16.28	18.21
	S.D.	1.93	1.41	1.12
		DT **	DT **	

Significantly different from DPDME 0 mg/kg: ** P<0.01

DT : Dunnett test (two-side)

Table 9 - 3

Study No. : SR21144

Food consumption

Period : Gestation Day 0-20

Sex : Female

Unit : g

Species : Rat

Test article		/Day		
Dose		7	14	20
DPDME	n	11	11	11
0 mg/kg	Mean	24.67	26.52	26.44
	S.D.	1.06	1.50	1.75
DPDME	n	12	12	12
40 mg/kg	Mean	24.43	27.04	26.90
	S.D.	1.81	1.68	1.49
DPDME	n	12	12	12
200 mg/kg	Mean	24.41	27.37	26.67
	S.D.	1.78	2.72	2.55
DPDME	n	12	12	12
1000 mg/kg	Mean	22.83	25.58	25.61
	S.D.	2.23	2.72	2.54
		DT *		

Significantly different from DPDME 0 mg/kg: * P<0.05

DT : Dunnett test (two-side)

Table 9 - 4

Study No. : SR21144

Food consumption

Period : Lactation Day 0-13

Sex : Female

Unit : g

Species : Rat

Test article		/Day		
Dose		4	7	13
DPDME	n	11	11	11
0 mg/kg	Mean	38.75	47.82	57.77
	S.D.	4.47	4.34	2.92
DPDME	n	12	12	12
40 mg/kg	Mean	37.55	46.58	58.66
	S.D.	5.22	4.46	4.11
DPDME	n	12	12	12
200 mg/kg	Mean	35.81	45.83	56.23
	S.D.	5.86	4.27	5.17
DPDME	n	12	12	12
1000 mg/kg	Mean	34.64	44.92	53.87
	S.D.	3.64	3.13	3.89

Not significantly different from DPDME 0 mg/kg

Table 9 - 5

Study No. : SR21144

Food consumption

Period : Adinistration Day 1-28

Sex : Female (satellite)

Unit : g

Species : Rat

Test article		/Day				
Dose		4	7	14	21	28
DPDME	n	10	10	10	10	10
0 mg/kg	Mean	19.27	19.01	19.37	19.44	19.64
	S.D.	1.08	2.08	1.28	1.62	1.66
DPDME	n	10	10	10	10	10
1000 mg/kg	Mean	13.56	17.23	19.38	18.31	19.46
	S.D.	3.73	2.04	1.83	1.68	1.31
		A2 **				

Significantly different from DPDME 0 mg/kg: ** P<0.01

A2 : Welch test (two-side)

Table 9 - 6

Study No. : SR21144

Food consumption

Period : Recovery Day 1-15

Sex : Male

Unit : g

Species : Rat

Test article		/Day	
Dose		7	14
DPDME	n	5	5
0 mg/kg	Mean	28.94	28.06
	S.D.	2.50	2.67
DPDME	n	5	5
1000 mg/kg	Mean	30.44	29.86
	S.D.	2.06	2.39

Not significantly different from DPDME 0 mg/kg

Table 9 - 7

Study No. : SR21144

Food consumption

Period : Recovery Day 1-15

Sex : Female (satellite)

Unit : g

Species : Rat

Test article		/Day	
Dose		7	14
DPDME	n	5	5
0 mg/kg	Mean	21.46	20.56
	S.D.	3.25	1.50
DPDME	n	5	5
1000 mg/kg	Mean	24.28	23.44
	S.D.	2.25	2.37

Not significantly different from DPDME 0 mg/kg

Table 10 - 1

Study No. : SR21144

Urinary findings
Sex : Male

Stage : Week 4

Species : Rat

Test article Dose		pH 5.0	6.0	6.5	7.0	7.5	8.0	8.5
DPDME 0 mg/kg	n	0	0	0	0	0	0	5
DPDME 40 mg/kg	n	0	0	0	0	0	0	5
DPDME 200 mg/kg	n	0	0	0	0	0	0	5
DPDME 1000 mg/kg	n	0	0	0	0	0	1	4

Test article Dose		Glucose -	+	2+	3+	Ketone body -	±	+	2+	3+
DPDME 0 mg/kg	n	5	0	0	0	5	0	0	0	0
DPDME 40 mg/kg	n	5	0	0	0	5	0	0	0	0
DPDME 200 mg/kg	n	5	0	0	0	5	0	0	0	0
DPDME 1000 mg/kg	n	5	0	0	0	5	0	0	0	0

Not significantly different from DPDME 0 mg/kg

Table 10 - 2

Study No. : SR21144

Urinary findings
Sex : Male

Stage : Week 4

Species : Rat

Test article Dose		Urobilinogen EU/dL 0.1	1	2	4	8	Bilirubin -	+	2+	3+
DPDME 0 mg/kg	n	5	0	0	0	0	5	0	0	0
DPDME 40 mg/kg	n	5	0	0	0	0	5	0	0	0
DPDME 200 mg/kg	n	5	0	0	0	0	5	0	0	0
DPDME 1000 mg/kg	n	5	0	0	0	0	5	0	0	0

Test article Dose		Occult blood -	±	+	2+	3+	Color A	B	C	D
DPDME 0 mg/kg	n	3	1	1	0	0	5	0	0	0
DPDME 40 mg/kg	n	5	0	0	0	0	5	0	0	0
DPDME 200 mg/kg	n	5	0	0	0	0	5	0	0	0
DPDME 1000 mg/kg	n	4	1	0	0	0	5	0	0	0

Color) A : Pale yellow or yellow, B : Orange yellow, C : Red brown, D : Creamy white
Not significantly different from DPDME 0 mg/kg

Table 10 - 3

Study No. : SR21144

Urinary findings
Sex : Male

Stage : Week 4

Species : Rat

Test article Dose		Protein -	±	+	2+	3+	4+
DPDME 0 mg/kg	n	0	4	1	0	0	0
DPDME 40 mg/kg	n	0	2	1	2	0	0
DPDME 200 mg/kg	n	1	4	0	0	0	0
DPDME 1000 mg/kg	n	0	4	1	0	0	0

Not significantly different from DPDME 0 mg/kg

Table 10 - 4

Study No. : SR21144

Urinary findings

Stage : Week 4

Sex : Male

Species : Rat

Test article Dose		Urine volume mL/21hr
DPDME 0 mg/kg	n	5
	Mean	14.00
	S.D.	2.55
DPDME 40 mg/kg	n	5
	Mean	13.80
	S.D.	5.37
DPDME 200 mg/kg	n	5
	Mean	14.80
	S.D.	1.57
DPDME 1000 mg/kg	n	5
	Mean	21.90
	S.D.	9.87

Not significantly different from DPDME 0 mg/kg

Table 10 - 5

Study No. : SR21144

Urinary findings
Sex : Male

Stage : Week 4

Species : Rat

Specific gravity

Test article Dose		0	1	2	3	4	5
DPDME 0 mg/kg	n	0	0	0	0	2	3
DPDME 40 mg/kg	n	0	0	0	1	0	4
DPDME 200 mg/kg	n	0	0	0	0	5	0
DPDME 1000 mg/kg	n	0	0	0	2	2	1

Test article Dose		RBC					WBC				
		-	±	+	2+	3+	-	±	+	2+	3+
DPDME 0 mg/kg	n	5	0	0	0	0	5	0	0	0	0
DPDME 40 mg/kg	n	5	0	0	0	0	5	0	0	0	0
DPDME 200 mg/kg	n	5	0	0	0	0	5	0	0	0	0
DPDME 1000 mg/kg	n	5	0	0	0	0	5	0	0	0	0

Specific gravity) 0;1.001～1.010,1;1.011～1.020,2;1.021～1.030,3;1.031～1.040,4;1.041～1.050,5;1.050＜
Not significantly different from DPDME 0 mg/kg

Table 10 - 6

Study No. : SR21144

Urinary findings
Sex : Male

Stage : Week 4

Species : Rat

Test article Dose		Squamous					Round				
		-	±	+	2+	3+	-	±	+	2+	3+
DPDME 0 mg/kg	n	3	2	0	0	0	5	0	0	0	0
DPDME 40 mg/kg	n	5	0	0	0	0	5	0	0	0	0
DPDME 200 mg/kg	n	3	2	0	0	0	5	0	0	0	0
DPDME 1000 mg/kg	n	3	2	0	0	0	5	0	0	0	0

Test article Dose		Small round					Cast				
		-	±	+	2+	3+	-	±	+	2+	3+
DPDME 0 mg/kg	n	5	0	0	0	0	5	0	0	0	0
DPDME 40 mg/kg	n	5	0	0	0	0	5	0	0	0	0
DPDME 200 mg/kg	n	5	0	0	0	0	5	0	0	0	0
DPDME 1000 mg/kg	n	5	0	0	0	0	5	0	0	0	0

Not significantly different from DPDME 0 mg/kg

Table 10 - 7

Study No. : SR21144

Urinary findings
Sex : Female (satellite)

Stage : Week 4

Species : Rat

pH

Test article Dose		5.0	6.0	6.5	7.0	7.5	8.0	8.5
DPDME 0 mg/kg	n	0	0	0	0	0	1	4
DPDME 1000 mg/kg	n	0	0	0	0	0	1	4

Test article Dose		Glucose				Ketone body				
		-	+	2+	3+	-	±	+	2+	3+
DPDME 0 mg/kg	n	5	0	0	0	5	0	0	0	0
DPDME 1000 mg/kg	n	5	0	0	0	5	0	0	0	0

Test article Dose		Urobilinogen EU/dL					Bilirubin			
		0.1	1	2	4	8	-	+	2+	3+
DPDME 0 mg/kg	n	5	0	0	0	0	5	0	0	0
DPDME 1000 mg/kg	n	5	0	0	0	0	5	0	0	0

Not significantly different from DPDME 0 mg/kg

Table 10 - 8

Study No. : SR21144

Urinary findings

Stage : Week 4

Sex : Female (satellite)

Species : Rat

Test article Dose		Occult blood -	±	+	2+	3+	Color A	B	C	D
DPDME 0 mg/kg	n	5	0	0	0	0	5	0	0	0
DPDME 1000 mg/kg	n	4	1	0	0	0	5	0	0	0

Test article Dose		Protein -	±	+	2+	3+	4+
DPDME 0 mg/kg	n	1	4	0	0	0	0
DPDME 1000 mg/kg	n	1	4	0	0	0	0

Color) A : Pale yellow or yellow, B : Orange yellow, C : Red brown, D : Creamy white

Not significantly different from DPDME 0 mg/kg

Table 10 - 9

Study No. : SR21144

Urinary findings

Stage : Week 4

Sex : Female (satellite)

Species : Rat

Test article Dose		Urine volume mL/21hr
DPDME	n	5
0 mg/kg	Mean	13.80
	S.D.	4.58
DPDME	n	5
1000 mg/kg	Mean	10.30
	S.D.	2.71

Not significantly different from DPDME 0 mg/kg

Table 10 - 10

Study No. : SR21144

Urinary findings
Sex : Female (satellite)

Stage : Week 4

Species : Rat

Specific gravity

Test article Dose		0	1	2	3	4	5
DPDME 0 mg/kg	n	0	0	0	2	2	1
DPDME 1000 mg/kg	n	0	0	0	0	2	3

Test article Dose		RBC -	±	+	2+	3+	WBC -	±	+	2+	3+
DPDME 0 mg/kg	n	5	0	0	0	0	5	0	0	0	0
DPDME 1000 mg/kg	n	5	0	0	0	0	5	0	0	0	0

Test article Dose		Squamous -	±	+	2+	3+	Round -	±	+	2+	3+
DPDME 0 mg/kg	n	5	0	0	0	0	5	0	0	0	0
DPDME 1000 mg/kg	n	5	0	0	0	0	5	0	0	0	0

Specific gravity) 0;1.001～1.010,1;1.011～1.020,2;1.021～1.030,3;1.031～1.040,4;1.041～1.050,5;1.050＜
Not significantly different from DPDME 0 mg/kg

Table 10 - 11

Study No. : SR21144

Urinary findings
Sex : Female (satellite)

Stage : Week 4

Species : Rat

Test article Dose		Small round					Cast				
		-	±	+	2+	3+	-	±	+	2+	3+
DPDME 0 mg/kg	n	5	0	0	0	0	5	0	0	0	0
DPDME 1000 mg/kg	n	5	0	0	0	0	5	0	0	0	0

Not significantly different from DPDME 0 mg/kg

Table 10 - 12

Study No. : SR21144

Urinary findings
Sex : Male

Stage : Recovery week 2

Species : Rat

pH

Test article Dose		5.0	6.0	6.5	7.0	7.5	8.0	8.5
DPDME 0 mg/kg	n	0	0	0	0	0	0	5
DPDME 1000 mg/kg	n	0	0	0	0	0	0	5

Test article Dose		Glucose				Ketone body				
		-	+	2+	3+	-	±	+	2+	3+
DPDME 0 mg/kg	n	5	0	0	0	5	0	0	0	0
DPDME 1000 mg/kg	n	5	0	0	0	5	0	0	0	0

Test article Dose		Urobilinogen EU/dL					Bilirubin			
		0.1	1	2	4	8	-	+	2+	3+
DPDME 0 mg/kg	n	5	0	0	0	0	5	0	0	0
DPDME 1000 mg/kg	n	5	0	0	0	0	5	0	0	0

Not significantly different from DPDME 0 mg/kg

Table 10 - 13

Study No. : SR21144

Urinary findings
Sex : Male

Stage : Recovery week 2

Species : Rat

Test article Dose		Occult blood -	±	+	2+	3+	Color A	B	C	D
DPDME 0 mg/kg	n	5	0	0	0	0	5	0	0	0
DPDME 1000 mg/kg	n	3	1	1	0	0	5	0	0	0

Test article Dose		Protein -	±	+	2+	3+	4+
DPDME 0 mg/kg	n	0	0	2	3	0	0
DPDME 1000 mg/kg	n	0	1	2	1	1	0

Color) A : Pale yellow or yellow, B : Orange yellow, C : Red brown, D : Creamy white
Not significantly different from DPDME 0 mg/kg

Table 10 - 14

Study No. : SR21144

Urinary findings

Stage : Recovery week 2

Sex : Male

Species : Rat

Test article Dose		Urine volume mL/21hr
DPDME	n	5
0 mg/kg	Mean	10.90
	S.D.	2.58
DPDME	n	5
1000 mg/kg	Mean	18.10
	S.D.	10.33

Not significantly different from DPDME 0 mg/kg

Table 10 - 15

Study No. : SR21144

Urinary findings
Sex : Male

Stage : Recovery week 2

Species : Rat

Specific gravity

Test article Dose		0	1	2	3	4	5
DPDME 0 mg/kg	n	0	0	0	0	1	4
DPDME 1000 mg/kg	n	0	0	1	1	0	3

		RBC					WBC				
Test article Dose		-	±	+	2+	3+	-	±	+	2+	3+
DPDME 0 mg/kg	n	5	0	0	0	0	5	0	0	0	0
DPDME 1000 mg/kg	n	5	0	0	0	0	5	0	0	0	0

		Squamous					Round				
Test article Dose		-	±	+	2+	3+	-	±	+	2+	3+
DPDME 0 mg/kg	n	5	0	0	0	0	5	0	0	0	0
DPDME 1000 mg/kg	n	4	1	0	0	0	5	0	0	0	0

Specific gravity) 0;1.001～1.010,1;1.011～1.020,2;1.021～1.030,3;1.031～1.040,4;1.041～1.050,5;1.050＜
Not significantly different from DPDME 0 mg/kg

Table 10 - 16

Study No. : SR21144

Urinary findings
Sex : Male

Stage : Recovery week 2

Species : Rat

Test article Dose		Small round					Cast				
		-	±	+	2+	3+	-	±	+	2+	3+
DPDME 0 mg/kg	n	5	0	0	0	0	5	0	0	0	0
DPDME 1000 mg/kg	n	5	0	0	0	0	5	0	0	0	0

Not significantly different from DPDME 0 mg/kg

Table 10 - 17

Study No. : SR21144

Urinary findings
Sex : Female (satellite)

Stage : Recovery week 2

Species : Rat

pH

Test article Dose		5.0	6.0	6.5	7.0	7.5	8.0	8.5
DPDME 0 mg/kg	n	0	0	0	0	0	1	4
DPDME 1000 mg/kg	n	0	0	0	0	1	0	4

Test article Dose		Glucose				Ketone body				
		-	+	2+	3+	-	±	+	2+	3+
DPDME 0 mg/kg	n	5	0	0	0	5	0	0	0	0
DPDME 1000 mg/kg	n	5	0	0	0	5	0	0	0	0

Test article Dose		Urobilinogen EU/dL					Bilirubin			
		0.1	1	2	4	8	-	+	2+	3+
DPDME 0 mg/kg	n	5	0	0	0	0	5	0	0	0
DPDME 1000 mg/kg	n	5	0	0	0	0	5	0	0	0

Not significantly different from DPDME 0 mg/kg

Table 10 - 18

Study No. : SR21144

Urinary findings
Sex : Female (satellite)

Stage : Recovery week 2

Species : Rat

Occult blood

Test article Dose		-	±	+	2+	3+
DPDME 0 mg/kg	n	4	0	1	0	0
DPDME 1000 mg/kg	n	4	1	0	0	0

Color

Test article Dose		A	B	C	D
DPDME 0 mg/kg	n	5	0	0	0
DPDME 1000 mg/kg	n	5	0	0	0

Protein

Test article Dose		-	±	+	2+	3+	4+
DPDME 0 mg/kg	n	0	0	2	3	0	0
DPDME 1000 mg/kg	n	0	0	2	3	0	0

Color) A : Pale yellow or yellow, B : Orange yellow, C : Red brown, D : Creamy white
Not significantly different from DPDME 0 mg/kg

Table 10 - 19

Study No. : SR21144

Urinary findings

Stage : Recovery week 2

Sex : Female (satellite)

Species : Rat

Test article Dose		Urine volume mL/21hr
DPDME	n	5
0 mg/kg	Mean	7.90
	S.D.	2.70
DPDME	n	5
1000 mg/kg	Mean	8.80
	S.D.	3.95

Not significantly different from DPDME 0 mg/kg

Table 10 - 20

Study No. : SR21144

Urinary findings
Sex : Female (satellite)

Stage : Recovery week 2

Species : Rat

Specific gravity

Test article Dose		0	1	2	3	4	5
DPDME 0 mg/kg	n	0	0	0	0	2	3
DPDME 1000 mg/kg	n	0	0	0	0	2	3

		RBC					WBC				
Test article Dose		-	±	+	2+	3+	-	±	+	2+	3+
DPDME 0 mg/kg	n	5	0	0	0	0	5	0	0	0	0
DPDME 1000 mg/kg	n	5	0	0	0	0	5	0	0	0	0

		Squamous					Round				
Test article Dose		-	±	+	2+	3+	-	±	+	2+	3+
DPDME 0 mg/kg	n	3	2	0	0	0	5	0	0	0	0
DPDME 1000 mg/kg	n	4	1	0	0	0	5	0	0	0	0

Specific gravity) 0;1.001～1.010,1;1.011～1.020,2;1.021～1.030,3;1.031～1.040,4;1.041～1.050,5;1.050＜
Not significantly different from DPDME 0 mg/kg

Table 10 - 21

Study No. : SR21144

Urinary findings
Sex : Female (satellite)

Stage : Recovery week 2

Species : Rat

Test article		Small round					Cast				
Dose		-	±	+	2+	3+	-	±	+	2+	3+
DPDME 0 mg/kg	n	5	0	0	0	0	5	0	0	0	0
DPDME 1000 mg/kg	n	5	0	0	0	0	5	0	0	0	0

Not significantly different from DPDME 0 mg/kg

Table 11 - 1

Study No. : SR21144

Hematological findings

Stage : Day 29

Sex : Male

Species : Rat

Test article Dose		RBC 10^4/μL	HGB g/dL	HCT %	MCV fL	MCH pg	MCHC g/dL	Reticulocyte %	Platelet 10^4/μL	WBC 10^2/μL	Neutrophil 10^2/μL
DPDME	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	874.4	15.22	41.68	47.70	17.42	36.50	3.624	96.72	83.80	18.28
	S.D.	50.1	0.79	2.09	1.36	0.47	0.32	0.479	8.13	19.25	1.14
DPDME	n	5	5	5	5	5	5	5	5	5	5
40 mg/kg	Mean	873.6	15.62	43.18	49.42	17.88	36.18	3.456	101.30	75.32	12.32
	S.D.	44.7	1.12	3.32	3.09	0.93	0.47	0.601	13.60	11.82	3.18
											DT *
DPDME	n	5	5	5	5	5	5	5	5	5	5
200 mg/kg	Mean	861.0	15.54	43.14	50.08	18.04	36.02	3.486	105.24	76.48	16.56
	S.D.	13.4	0.80	1.96	1.73	0.71	0.27	0.786	12.82	13.17	4.48
DPDME	n	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	844.6	15.06	42.66	50.50	17.82	35.34	3.422	105.96	72.48	13.70
	S.D.	39.0	0.63	2.37	2.40	0.70	0.85	0.490	23.72	25.42	4.50
							DT **				

Test article Dose		Lymphocyte 10^2/μL	Monocyte 10^2/μL	Eosinophil 10^2/μL	Basophil 10^2/μL	PT sec	APTT sec
DPDME	n	5	5	5	5	5	5
0 mg/kg	Mean	59.90	4.10	1.50	0.02	19.04	16.96
	S.D.	18.93	1.78	0.35	0.04	1.48	1.02
DPDME	n	5	5	5	5	5	5
40 mg/kg	Mean	58.04	3.92	1.02	0.02	21.20	18.50
	S.D.	13.20	0.99	0.26	0.04	3.19	1.31
DPDME	n	5	5	5	5	5	5
200 mg/kg	Mean	55.44	3.48	0.98	0.02	21.18	18.96
	S.D.	11.87	0.75	0.43	0.04	2.58	2.08
DPDME	n	5	5	5	5	5	5
1000 mg/kg	Mean	53.28	4.34	1.14	0.02	25.14	21.24
	S.D.	20.67	1.52	0.61	0.04	4.57	4.22
						DT *	

Significantly different from DPDME 0 mg/kg: * P<0.05, ** P<0.01

DT : Dunnett test (two-side)

Table 11 - 2

Study No. : SR21144

Hematological findings

Stage : Day 14 after parturition

Sex : Female

Species : Rat

Test article Dose		RBC 10^4/μL	HGB g/dL	HCT %	MCV fL	MCH pg	MCHC g/dL	Reticulocyte %	Platelet 10^4/μL	WBC 10^2/μL	Neutrophil 10^2/μL
DPDME	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	827.8	16.04	44.22	53.46	19.42	36.32	3.612	110.18	101.46	40.84
	S.D.	36.8	0.68	2.74	3.17	0.84	0.74	0.463	18.73	22.10	12.69
DPDME	n	5	5	5	5	5	5	5	5	5	5
40 mg/kg	Mean	784.8	15.18	42.62	54.32	19.34	35.62	4.262	112.34	92.88	33.16
	S.D.	17.3	0.65	2.21	2.49	0.73	0.41	0.578	13.22	26.52	7.89
DPDME	n	5	5	5	5	5	5	5	5	5	5
200 mg/kg	Mean	809.6	16.10	44.82	55.40	19.90	35.94	3.636	113.82	91.08	35.48
	S.D.	34.3	0.73	2.12	2.07	0.50	0.46	0.717	9.46	15.03	4.81
DPDME	n	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	814.2	15.54	42.98	52.92	19.12	36.12	3.672	113.90	94.00	45.56
	S.D.	56.1	0.54	1.25	2.31	0.70	0.36	0.482	21.57	22.37	16.21

Test article Dose		Lymphocyte 10^2/μL	Monocyte 10^2/μL	Eosinophil 10^2/μL	Basophil 10^2/μL	PT sec	APTT sec
DPDME	n	5	5	5	5	5	5
0 mg/kg	Mean	55.34	4.52	0.72	0.04	17.82	14.50
	S.D.	16.96	3.00	0.41	0.05	1.04	1.42
DPDME	n	5	5	5	5	5	5
40 mg/kg	Mean	54.42	4.18	1.08	0.04	17.70	13.92
	S.D.	21.88	1.60	0.53	0.05	0.63	0.80
DPDME	n	5	5	5	5	5	5
200 mg/kg	Mean	50.76	3.92	0.84	0.08	17.58	14.06
	S.D.	12.05	2.73	0.40	0.08	0.74	0.90
DPDME	n	5	5	5	5	5	5
1000 mg/kg	Mean	43.86	3.82	0.74	0.02	16.72	14.36
	S.D.	12.17	2.21	0.56	0.04	0.44	1.40

Not significantly different from DPDME 0 mg/kg

Table 11 - 3

Study No. : SR21144

Hematological findings

Stage : Day 29

Sex : Female (satellite)

Species : Rat

Test article Dose		RBC 10^4/μL	HGB g/dL	HCT %	MCV fL	MCH pg	MCHC g/dL	Reticulocyte %	Platelet 10^4/μL	WBC 10^2/μL	Neutrophil 10^2/μL
DPDME	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	817.8	15.00	41.50	50.78	18.36	36.14	2.708	100.98	46.90	10.06
	S.D.	38.8	0.70	1.66	0.96	0.29	0.44	0.463	10.98	12.60	3.71
DPDME	n	5	5	5	5	5	5	5	5	5	4
1000 mg/kg	Mean	791.8	14.76	41.26	52.10	18.64	35.76	2.804	93.16	43.16	6.93
	S.D.	26.8	0.65	1.78	0.99	0.42	0.24	0.721	8.78	11.45	2.07

Test article Dose		Lymphocyte 10^2/μL	Monocyte 10^2/μL	Eosinophil 10^2/μL	Basophil 10^2/μL	PT sec	APTT sec
DPDME	n	5	5	5	5	5	5
0 mg/kg	Mean	34.46	1.70	0.66	0.02	16.74	13.04
	S.D.	10.80	0.79	0.31	0.04	0.94	1.51
DPDME	n	4	4	4	4	5	5
1000 mg/kg	Mean	37.05	1.50	0.60	0.00	15.88	15.22
	S.D.	8.86	0.45	0.08	0.00	0.23	1.32
							T2 *

Significantly different from DPDME 0 mg/kg: * P<0.05

T2 : Student t-test (two-side)

Table 11 - 4

Study No. : SR21144

Hematological findings

Stage : Recovery day 15

Sex : Male

Species : Rat

Test article Dose		RBC 10^4/μL	HGB g/dL	HCT %	MCV fL	MCH pg	MCHC g/dL	Reticulocyte %	Platelet 10^4/μL	WBC 10^2/μL	Neutrophil 10^2/μL
DPDME	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	900.4	15.64	42.94	47.78	17.40	36.42	3.282	106.20	109.70	15.90
	S.D.	48.9	0.63	1.04	1.86	0.69	0.75	0.377	14.62	21.56	2.66
DPDME	n	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	878.0	15.10	41.82	47.62	17.20	36.14	3.308	116.36	96.50	16.14
	S.D.	63.8	1.12	3.36	1.11	0.34	0.30	0.695	9.55	19.51	5.24

Test article Dose		Lymphocyte 10^2/μL	Monocyte 10^2/μL	Eosinophil 10^2/μL	Basophil 10^2/μL	PT sec	APTT sec
DPDME	n	5	5	5	5	5	5
0 mg/kg	Mean	87.10	5.36	1.28	0.06	18.88	18.60
	S.D.	20.04	1.33	0.54	0.05	1.85	2.11
DPDME	n	5	5	5	5	5	5
1000 mg/kg	Mean	74.40	4.20	1.70	0.06	18.86	19.84
	S.D.	13.08	0.80	0.64	0.05	2.07	2.25

Not significantly different from DPDME 0 mg/kg

Table 11 - 5

Study No. : SR21144

Hematological findings

Stage : Recovery day 15

Sex : Female (satellite)

Species : Rat

Test article Dose		RBC 10^4/μL	HGB g/dL	HCT %	MCV fL	MCH pg	MCHC g/dL	Reticulocyte %	Platelet 10^4/μL	WBC 10^2/μL	Neutrophil 10^2/μL
DPDME	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	828.8	15.22	41.66	50.38	18.38	36.52	2.820	100.54	59.50	12.26
	S.D.	59.1	0.83	1.82	1.63	0.50	0.61	0.595	12.16	9.64	2.88
DPDME	n	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	860.8	15.04	41.90	48.66	17.46	35.90	2.580	106.02	50.08	11.06
	S.D.	42.1	0.93	2.86	1.63	0.35	0.59	0.886	14.72	10.46	2.81
						T2 **					

Test article Dose		Lymphocyte 10^2/μL	Monocyte 10^2/μL	Eosinophil 10^2/μL	Basophil 10^2/μL	PT sec	APTT sec
DPDME	n	5	5	5	5	5	5
0 mg/kg	Mean	42.70	3.40	1.10	0.04	16.50	13.70
	S.D.	6.24	1.41	0.50	0.05	1.11	1.36
DPDME	n	5	5	5	5	5	5
1000 mg/kg	Mean	35.62	2.42	0.98	0.00	16.80	13.74
	S.D.	8.81	0.85	0.19	0.00	0.87	1.04

Significantly different from DPDME 0 mg/kg: ** P<0.01
T2 : Student t-test (two-side)

Table 12 - 1

Study No. : SR21144

Biochemical findings

Stage : Day 29

Sex : Male

Species : Rat

Test article Dose		AST IU/L	ALT IU/L	ALP IU/L	γ-GTP IU/L	T-Bil mg/dL	TBA μmol/L	Glucose mg/dL	T-Cho mg/dL	TG mg/dL	TP g/dL
DPDME	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	68.4	30.6	398.4	0.48	0.064	10.82	159.0	57.8	34.4	5.42
	S.D.	3.6	0.5	26.3	0.24	0.011	10.88	16.7	9.5	12.0	0.13
DPDME	n	5	5	5	5	5	5	5	5	5	5
40 mg/kg	Mean	65.0	30.8	405.2	0.46	0.066	8.72	167.4	41.8	27.0	5.36
	S.D.	7.5	7.2	77.1	0.15	0.013	3.03	12.5	9.6	9.8	0.23
DPDME	n	5	5	5	5	5	5	5	5	5	5
200 mg/kg	Mean	73.4	30.8	360.0	0.48	0.056	7.42	161.2	57.2	27.8	5.42
	S.D.	11.7	3.8	36.7	0.16	0.011	3.07	18.5	12.9	13.9	0.11
DPDME	n	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	68.0	35.4	318.2	0.66	0.046	5.76	150.8	52.4	22.0	5.50
	S.D.	4.7	7.3	66.8	0.24	0.013	1.35	22.4	9.9	10.3	0.22

Test article Dose		UN mg/dL	Crea mg/dL	Na mEq/L	K mEq/L	Cl mEq/L	Ca mg/dL	IP mg/dL	A/G	Albumin g/dL	Albumin %
DPDME	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	14.32	0.318	144.4	4.400	105.6	9.12	6.40	0.862	2.508	46.28
	S.D.	1.84	0.037	0.5	0.201	1.1	0.31	0.82	0.051	0.095	1.50
DPDME	n	5	5	5	5	5	5	5	5	5	5
40 mg/kg	Mean	14.70	0.282	143.6	4.664	104.8	9.32	6.44	0.920	2.566	47.90
	S.D.	1.13	0.023	0.9	0.310	1.5	0.36	0.48	0.054	0.075	1.47
DPDME	n	5	5	5	5	5	5	5	5	5	5
200 mg/kg	Mean	15.98	0.316	144.0	4.472	104.6	9.30	6.24	0.882	2.534	46.76
	S.D.	1.08	0.036	1.2	0.182	1.1	0.19	0.33	0.074	0.122	2.09
DPDME	n	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	15.10	0.326	144.0	4.378	103.2	9.42	6.26	0.868	2.548	46.40
	S.D.	2.07	0.044	1.0	0.206	0.8	0.28	0.30	0.084	0.080	2.43
						DT *					

Significantly different from DPDME 0 mg/kg: * P<0.05

DT : Dunnett test (two-side)

Table 12 - 2

Study No. : SR21144

Biochemical findings

Stage : Day 29

Sex : Male

Species : Rat

Test article Dose		α1-G %	α2-G %	β-G %	γ-G %
DPDME	n	5	5	5	5
0 mg/kg	Mean	22.14	9.42	17.20	4.96
	S.D.	2.99	1.18	1.16	0.64
DPDME	n	5	5	5	5
40 mg/kg	Mean	22.86	9.08	16.26	3.90
	S.D.	2.08	0.90	1.08	0.72
DPDME	n	5	5	5	5
200 mg/kg	Mean	22.58	9.46	16.78	4.42
	S.D.	1.41	0.85	1.55	0.99
DPDME	n	5	5	5	5
1000 mg/kg	Mean	24.16	9.54	16.18	3.72
	S.D.	2.88	0.88	0.91	1.20

Not significantly different from DPDME 0 mg/kg

Table 12 - 3

Study No. : SR21144

Biochemical findings

Stage : Day 14 after parturition

Sex : Female

Species : Rat

Test article Dose		AST IU/L	ALT IU/L	ALP IU/L	γ-GTP IU/L	T-Bil mg/dL	TBA μmol/L	Glucose mg/dL	T-Cho mg/dL	TG mg/dL	TP g/dL
DPDME	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	127.0	70.8	396.8	1.04	0.056	34.72	140.8	87.8	51.6	5.60
	S.D.	21.1	12.6	79.0	0.36	0.015	29.42	19.1	16.0	13.3	0.28
DPDME	n	5	5	5	5	5	5	5	5	5	5
40 mg/kg	Mean	109.0	57.8	283.6	0.82	0.042	17.96	132.4	92.6	52.6	5.86
	S.D.	16.2	4.2	49.6	0.31	0.011	10.17	11.4	15.7	20.2	0.34
DPDME	n	5	5	5	5	5	5	5	5	5	5
200 mg/kg	Mean	136.0	68.4	395.8	0.96	0.050	31.16	127.8	104.4	99.4	6.12
	S.D.	34.1	21.6	186.4	0.25	0.010	20.00	12.5	19.2	62.0	0.29
DPDME	n	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	153.2	85.0	314.6	1.16	0.042	28.44	123.2	98.0	65.8	6.14
	S.D.	31.7	17.4	41.0	0.38	0.008	13.80	7.0	15.7	21.6	0.46

Test article Dose		UN mg/dL	Crea mg/dL	Na mEq/L	K mEq/L	Cl mEq/L	Ca mg/dL	IP mg/dL	A/G	Albumin g/dL	Albumin %
DPDME	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	25.44	0.412	138.8	4.610	99.2	9.28	8.20	0.872	2.596	46.36
	S.D.	8.34	0.051	1.1	0.467	1.3	0.08	1.85	0.113	0.239	3.24
DPDME	n	5	5	5	5	5	5	5	5	5	5
40 mg/kg	Mean	20.98	0.368	140.0	4.256	101.0	9.48	6.84	0.892	2.764	47.16
	S.D.	4.58	0.019	1.2	0.197	2.0	0.44	0.74	0.049	0.168	1.44
DPDME	n	5	5	5	5	5	5	5	5	5	5
200 mg/kg	Mean	24.92	0.372	138.8	4.402	99.4	9.92	7.82	0.910	2.908	47.54
	S.D.	5.59	0.044	0.8	0.462	1.5	0.32	1.29	0.104	0.228	2.93
							DT *				
DPDME	n	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	26.28	0.386	138.0	4.374	97.0	10.36	9.12	0.838	2.796	45.56
	S.D.	4.84	0.070	3.2	0.476	3.2	0.38	1.39	0.037	0.204	1.06
							DT **				

Significantly different from DPDME 0 mg/kg: * P<0.05, ** P<0.01

DT : Dunnett test (two-side)

Table 12 - 4

Study No. : SR21144

Biochemical findings

Stage : Day 14 after parturition

Sex : Female

Species : Rat

Test article Dose		α1-G %	α2-G %	β-G %	γ-G %
DPDME	n	5	5	5	5
0 mg/kg	Mean	21.06	10.78	16.38	5.42
	S.D.	1.09	0.90	1.37	0.86
DPDME	n	5	5	5	5
40 mg/kg	Mean	20.02	10.86	16.94	5.02
	S.D.	2.39	1.23	0.72	0.61
DPDME	n	5	5	5	5
200 mg/kg	Mean	20.50	10.30	17.02	4.64
	S.D.	1.37	0.69	0.69	1.24
DPDME	n	5	5	5	5
1000 mg/kg	Mean	20.90	10.42	17.46	5.66
	S.D.	1.31	0.99	1.03	0.67

Not significantly different from DPDME 0 mg/kg

Table 12 - 5

Study No. : SR21144

Biochemical findings

Stage : Day 29

Sex : Female (satellite)

Species : Rat

Test article Dose		AST IU/L	ALT IU/L	ALP IU/L	γ-GTP IU/L	T-Bil mg/dL	TBA μmol/L	Glucose mg/dL	T-Cho mg/dL	TG mg/dL	TP g/dL
DPDME	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	67.4	32.8	166.8	0.76	0.088	12.90	151.8	71.4	13.6	6.30
	S.D.	11.5	9.2	41.2	0.11	0.016	5.46	17.7	16.6	5.5	0.45
DPDME	n	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	57.0	27.6	185.4	0.58	0.042	7.78	143.4	80.4	12.8	6.60
	S.D.	7.4	6.8	46.6	0.25	0.004	2.81	13.7	8.5	2.6	0.34
						A2 **					

Test article Dose		UN mg/dL	Crea mg/dL	Na mEq/L	K mEq/L	Cl mEq/L	Ca mg/dL	IP mg/dL	A/G	Albumin g/dL	Albumin %
DPDME	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	14.92	0.354	141.8	4.194	105.2	9.70	5.80	1.084	3.278	51.94
	S.D.	1.99	0.053	1.1	0.252	1.3	0.21	0.69	0.089	0.337	2.04
DPDME	n	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	17.26	0.332	142.0	3.996	103.0	10.08	6.52	1.102	3.456	52.32
	S.D.	0.58	0.015	0.7	0.121	1.2	0.31	0.52	0.094	0.287	2.16
						T2 *					

Test article Dose		α1-G %	α2-G %	β-G %	γ-G %
DPDME	n	5	5	5	5
0 mg/kg	Mean	18.54	8.14	15.36	6.02
	S.D.	1.07	0.83	1.05	1.24
DPDME	n	5	5	5	5
1000 mg/kg	Mean	19.30	8.42	15.02	4.94
	S.D.	2.03	0.69	1.24	1.05

Significantly different from DPDME 0 mg/kg: * P<0.05, ** P<0.01

A2 : Welch test (two-side), T2 : Student t-test (two-side)

Table 12 - 6

Study No. : SR21144

Biochemical findings

Stage : Recovery day 15

Sex : Male

Species : Rat

Test article Dose		AST IU/L	ALT IU/L	ALP IU/L	γ-GTP IU/L	T-Bil mg/dL	TBA μmol/L	Glucose mg/dL	T-Cho mg/dL	TG mg/dL	TP g/dL
DPDME	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	76.8	35.0	414.8	0.62	0.066	12.10	143.4	63.2	30.6	5.56
	S.D.	8.7	5.1	127.1	0.08	0.011	5.08	19.4	13.6	15.6	0.26
DPDME	n	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	65.6	31.0	321.6	0.62	0.058	7.16	149.0	78.2	36.2	5.62
	S.D.	6.1	4.8	44.2	0.04	0.011	1.82	9.5	23.3	17.5	0.42
		T2 *									

Test article Dose		UN mg/dL	Crea mg/dL	Na mEq/L	K mEq/L	Cl mEq/L	Ca mg/dL	IP mg/dL	A/G	Albumin g/dL	Albumin %
DPDME	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	14.20	0.328	143.2	4.438	104.4	9.10	5.84	0.834	2.530	45.50
	S.D.	1.21	0.048	1.5	0.273	1.1	0.31	0.22	0.025	0.130	0.72
DPDME	n	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	13.90	0.308	142.8	4.730	103.2	9.22	6.12	0.844	2.574	45.80
	S.D.	0.63	0.036	0.4	0.131	0.4	0.33	0.19	0.064	0.205	1.91

Test article Dose		α1-G %	α2-G %	β-G %	γ-G %
DPDME	n	5	5	5	5
0 mg/kg	Mean	22.56	10.30	16.04	5.60
	S.D.	1.07	0.67	1.38	1.01
DPDME	n	5	5	5	5
1000 mg/kg	Mean	23.88	10.20	15.50	4.62
	S.D.	2.14	0.33	0.85	1.42

Significantly different from DPDME 0 mg/kg: * P<0.05

T2 : Student t-test (two-side)

Table 12 - 7

Study No. : SR21144

Biochemical findings

Stage : Recovery day 15

Sex : Female (satellite)

Species : Rat

Test article Dose		AST IU/L	ALT IU/L	ALP IU/L	γ-GTP IU/L	T-Bil mg/dL	TBA μmol/L	Glucose mg/dL	T-Cho mg/dL	TG mg/dL	TP g/dL
DPDME	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	122.8	70.8	213.0	1.28	0.076	20.04	150.6	68.4	15.6	6.44
	S.D.	105.2	77.4	42.2	0.67	0.023	15.35	9.2	13.4	5.3	0.43
DPDME	n	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	90.6	41.8	204.8	0.78	0.086	20.74	142.6	80.8	19.2	6.54
	S.D.	41.9	19.4	80.1	0.13	0.011	5.50	22.2	19.8	13.3	0.44

Test article Dose		UN mg/dL	Crea mg/dL	Na mEq/L	K mEq/L	Cl mEq/L	Ca mg/dL	IP mg/dL	A/G	Albumin g/dL	Albumin %
DPDME	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	15.30	0.354	141.6	4.222	104.4	9.52	5.06	1.066	3.320	51.46
	S.D.	1.57	0.023	0.9	0.283	1.1	0.40	0.53	0.116	0.350	2.69
DPDME	n	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	14.10	0.334	142.4	4.328	105.4	9.68	4.70	1.028	3.306	50.56
	S.D.	1.14	0.021	0.9	0.195	0.5	0.26	0.72	0.101	0.283	2.59

Test article Dose		α1-G %	α2-G %	β-G %	γ-G %
DPDME	n	5	5	5	5
0 mg/kg	Mean	16.36	9.38	15.16	7.64
	S.D.	1.43	0.78	1.19	1.48
DPDME	n	5	5	5	5
1000 mg/kg	Mean	18.52	9.26	14.80	6.86
	S.D.	2.96	0.32	1.33	1.66

Not significantly different from DPDME 0 mg/kg

Table 13 - 1

Study No. : SR21144

Serum T4 concentration

Stage : Day 29

Sex : Male

Species : Rat

Test article Dose		T4 ng/mL
DPDME	n	7
0 mg/kg	Mean	52.71
	S.D.	8.23
DPDME	n	12
40 mg/kg	Mean	51.09
	S.D.	9.73
DPDME	n	12
200 mg/kg	Mean	50.31
	S.D.	8.17
DPDME	n	7
1000 mg/kg	Mean	37.21
	S.D.	6.62
		DT **

Significantly different from DPDME 0 mg/kg: ** P<0.01

DT : Dunnett test (two-side)

Table 13 - 2

Study No. : SR21144

Serum T4 concentration

Stage : Day 14 after parturition

Sex : Female

Species : Rat

Test article Dose		T4 ng/mL
DPDME 0 mg/kg	n	11
	Mean	44.14
	S.D.	9.31
DPDME 40 mg/kg	n	12
	Mean	43.03
	S.D.	5.19
DPDME 200 mg/kg	n	12
	Mean	41.25
	S.D.	4.87
DPDME 1000 mg/kg	n	12
	Mean	37.71
	S.D.	6.47

Not significantly different from DPDME 0 mg/kg

Table 13 - 3

Study No. : SR21144

Serum T4 concentration

Stage : Day 29

Sex : Female (satellite)

Species : Rat

Test article Dose		T4 ng/mL
DPDME	n	5
0 mg/kg	Mean	25.08
	S.D.	6.39
DPDME	n	5
1000 mg/kg	Mean	22.58
	S.D.	3.99

Not significantly different from DPDME 0 mg/kg

Table 13 - 4

Study No. : SR21144

Serum T4 concentration

Stage : Recovery day 15

Sex : Male

Species : Rat

Test article Dose		T4 ng/mL
DPDME	n	5
0 mg/kg	Mean	47.54
	S.D.	11.09
DPDME	n	5
1000 mg/kg	Mean	52.86
	S.D.	8.17

Not significantly different from DPDME 0 mg/kg

Table 13 - 5

Study No. : SR21144

Serum T4 concentration

Stage : Recovery day 15

Sex : Female (satellite)

Species : Rat

Test article Dose		T4 ng/mL
DPDME	n	5
0 mg/kg	Mean	30.12
	S.D.	2.81
DPDME	n	5
1000 mg/kg	Mean	33.04
	S.D.	7.32

Not significantly different from DPDME 0 mg/kg

Table 14 - 1

Study No. : SR21144

Necropsy findings

Sex : Male

Stage : Day 29

Species : Rat

Organ / Findings		Test article / Dose / Number of Animals	DPDME 0 mg/kg 7	DPDME 40 mg/kg 12	DPDME 200 mg/kg 12	DPDME 1000 mg/kg 7
Epididymis			<7/7>	<11/12>	<12/12>	<7/7>
Yellowish white focus, cauda, unilateral	P		0	1	0	0
Other organs & tissues			<7/7>	<12/12>	<12/12>	<7/7>

<> : Not remarkable/Number of animals examined

P : Non-graded change

Table 14 - 2

Study No. : SR21144

Necropsy findings

Sex : Female

Stage : Day 14 after parturition

Species : Rat

Organ / Findings		Test article	DPDME	DPDME	DPDME	DPDME
		Dose	0 mg/kg	40 mg/kg	200 mg/kg	1000 mg/kg
		Number of Animals	11	12	12	12
Stomach			<11/11>	<12/12>	<12/12>	<11/12>
Dark red focus, mucosa, multifocal, glandular stomach	P		0	0	0	1
Other organs & tissues			<11/11>	<12/12>	<12/12>	<12/12>

<> : Not remarkable/Number of animals examined

P : Non-graded change

Table 14 - 3

Study No. : SR21144

Necropsy findings

Sex : Female

Stage : Non-pregnancy

Species : Rat

Organ / Findings	Test article	DPDME
	Dose	0 mg/kg
	Number of Animals	1
All organs & tissues		<1/1>

<> : Not remarkable/Number of animals examined

Table 14 - 4

Study No. : SR21144

Necropsy findings

Sex : Female (satellite) Stage : Day 29 Species : Rat

	Test article	DPDME	DPDME
	Dose	0	1000
Organ		mg/kg	mg/kg
Findings	Number of Animals	5	5
All organs & tissues		<5/5>	<5/5>

<> : Not remarkable/Number of animals examined

Table 14 - 5

Study No. : SR21144

Necropsy findings

Sex : Male

Stage : Recovery day 15

Species : Rat

	Test article	DPDME	DPDME
	Dose	0	1000
Organ		mg/kg	mg/kg
Findings	Number of Animals	5	5
All organs & tissues		<5/5>	<5/5>

<> : Not remarkable/Number of animals examined

Table 14 - 6

Study No. : SR21144

Necropsy findings

Sex : Female (satellite) Stage : Recovery day 15 Species : Rat

	Test article	DPDME	DPDME
	Dose	0	1000
Organ		mg/kg	mg/kg
Findings	Number of Animals	5	5
All organs & tissues		<5/5>	<5/5>

<> : Not remarkable/Number of animals examined

Table 15 - 1

Study No. : SR21144

Organ weight

Stage : Day 29

Sex : Male

Species : Rat

Test article		Body weight	Liver		Kidney		Heart		Spleen	
			AB	RE	AB	RE	AB	RE	AB	RE
Dose		g	g	g/100g	g	g/100g	g	g/100g	mg	mg/100g
DPDME	n	7	7	7	7	7	7	7	7	7
0 mg/kg	Mean	498.7	11.957	2.400	3.097	0.621	1.493	0.300	791.3	158.626
	S.D.	42.8	1.160	0.107	0.270	0.053	0.193	0.034	93.7	12.606
DPDME	n	12	12	12	12	12	12	12	12	12
40 mg/kg	Mean	506.0	12.807	2.522	3.328	0.659	1.472	0.292	756.9	149.710
	S.D.	44.7	2.034	0.232	0.281	0.039	0.127	0.019	126.8	22.053
DPDME	n	12	12	12	12	12	12	12	12	12
200 mg/kg	Mean	501.3	13.398	2.662	3.388	0.675	1.473	0.294	814.8	162.603
	S.D.	36.0	2.026	0.243	0.377	0.051	0.163	0.027	118.3	21.782
						DT *				
DPDME	n	7	7	7	7	7	7	7	7	7
1000 mg/kg	Mean	497.0	16.966	3.403	3.637	0.731	1.520	0.307	860.4	173.167
	S.D.	49.7	2.985	0.412	0.431	0.037	0.137	0.024	107.9	14.917
			DT **	ST **	DT *	DT **				

Test article		Thymus		Adrenal		Pituitary gland		Thyroid		Testis	
		AB	RE	AB	RE	AB	RE	AB	RE	AB	RE
Dose		mg	mg/100g	mg	mg/100g	mg	mg/100g	mg	mg/100g	g	g/100g
DPDME	n	7	7	7	7	7	7	7	7	7	7
0 mg/kg	Mean	346.0	69.704	72.4	14.581	12.30	2.456	25.03	5.040	3.319	0.670
	S.D.	85.1	18.301	14.5	3.107	2.07	0.225	3.06	0.701	0.161	0.072
DPDME	n	12	12	12	12	12	12	12	12	12	12
40 mg/kg	Mean	292.1	58.034	67.9	13.459	12.91	2.559	25.23	4.988	3.439	0.682
	S.D.	50.1	10.876	11.7	2.307	3.45	0.685	5.99	1.073	0.293	0.047
DPDME	n	12	12	12	12	12	12	12	12	12	12
200 mg/kg	Mean	322.5	64.729	73.6	14.695	13.06	2.605	25.54	5.122	3.423	0.685
	S.D.	51.4	11.697	7.7	1.277	1.88	0.321	3.96	0.867	0.324	0.069
DPDME	n	7	7	7	7	7	7	7	7	7	7
1000 mg/kg	Mean	276.9	56.023	65.1	13.196	10.67	2.159	23.60	4.780	3.299	0.666
	S.D.	36.7	7.801	8.4	2.026	2.13	0.405	5.22	1.103	0.521	0.103

AB : Absolute weight, RE : Relative weight by body weight

Significantly different from DPDME 0 mg/kg: * P<0.05, ** P<0.01

DT : Dunnett test (two-side), ST : Steel test (two-side)

Table 15 - 2

Study No. : SR21144

Organ weight

Stage : Day 29

Sex : Male

Species : Rat

Test article		Epididymis		Prostate		Seminal vesicle		Brain	
		AB	RE	AB	RE	AB	RE	AB	RE
Dose		g	g/100g	mg	mg/100g	g	g/100g	g	g/100g
DPDME	n	7	7	7	7	7	7	7	7
0 mg/kg	Mean	1.396	0.279	866.9	173.919	2.291	0.463	2.169	0.439
	S.D.	0.106	0.020	157.9	27.258	0.478	0.104	0.060	0.032
DPDME	n	12	12	12	12	12	12	12	12
40 mg/kg	Mean	1.433	0.286	852.9	168.087	2.471	0.491	2.197	0.437
	S.D.	0.131	0.032	169.6	26.571	0.301	0.063	0.080	0.031
DPDME	n	12	12	12	12	12	12	12	12
200 mg/kg	Mean	1.383	0.275	817.3	163.226	2.428	0.486	2.185	0.438
	S.D.	0.093	0.021	107.0	19.053	0.337	0.064	0.111	0.034
DPDME	n	7	7	7	7	7	7	7	7
1000 mg/kg	Mean	1.324	0.269	654.4	130.677	2.419	0.487	2.160	0.436
	S.D.	0.090	0.027	167.4	24.054	0.526	0.093	0.076	0.033
				DT *	DT **				

AB : Absolute weight, RE : Relative weight by body weight

Significantly different from DPDME 0 mg/kg: * P<0.05, ** P<0.01

DT : Dunnett test (two-side)

Table 15 - 3

Study No. : SR21144

Organ weight
Sex : Female

Stage : Day 14 after parturition

Species : Rat

Test article		Body weight	Liver		Kidney		Heart		Spleen	
			AB	RE	AB	RE	AB	RE	AB	RE
Dose		g	g	g/100g	g	g/100g	g	g/100g	mg	mg/100g
DPDME	n	11	11	11	11	11	11	11	11	11
0 mg/kg	Mean	340.5	10.920	3.208	2.375	0.698	1.116	0.329	617.5	180.931
	S.D.	14.2	0.934	0.236	0.244	0.064	0.111	0.027	97.2	23.975
DPDME	n	12	12	12	12	12	12	12	12	12
40 mg/kg	Mean	341.8	11.568	3.382	2.341	0.684	1.114	0.326	622.0	181.495
	S.D.	14.5	0.923	0.167	0.159	0.034	0.085	0.024	101.0	24.743
DPDME	n	12	12	12	12	12	12	12	12	12
200 mg/kg	Mean	342.6	11.977	3.496	2.404	0.703	1.179	0.344	623.8	182.748
	S.D.	17.5	0.896	0.155	0.212	0.061	0.091	0.024	56.5	21.340
			DT *	DT **						
DPDME	n	12	12	12	12	12	12	12	12	12
1000 mg/kg	Mean	337.1	13.796	4.092	2.467	0.732	1.106	0.329	602.1	178.546
	S.D.	22.1	1.179	0.220	0.229	0.044	0.097	0.022	97.4	25.195
			DT **	DT **						

Test article		Thymus		Adrenal		Pituitary gland		Thyroid		Ovary	
		AB	RE	AB	RE	AB	RE	AB	RE	AB	RE
Dose		mg	mg/100g	mg	mg/100g	mg	mg/100g	mg	mg/100g	mg	mg/100g
DPDME	n	11	11	11	11	11	11	11	11	11	11
0 mg/kg	Mean	239.7	69.941	76.1	22.396	16.61	4.913	17.54	5.142	100.3	29.446
	S.D.	100.3	28.333	9.3	3.038	3.61	1.253	5.33	1.507	15.1	4.250
DPDME	n	12	12	12	12	12	12	12	12	12	12
40 mg/kg	Mean	198.8	57.969	80.4	23.541	16.73	4.882	19.50	5.711	100.8	29.502
	S.D.	64.3	17.370	13.4	3.889	4.27	1.151	2.36	0.684	13.9	4.140
DPDME	n	12	12	12	12	12	12	12	12	12	12
200 mg/kg	Mean	225.1	65.793	76.8	22.533	14.84	4.346	19.45	5.685	102.0	29.818
	S.D.	47.6	14.077	6.4	2.739	1.18	0.451	4.62	1.349	12.8	3.864
DPDME	n	12	12	12	12	12	12	12	12	12	12
1000 mg/kg	Mean	200.8	59.953	89.8	26.599	14.78	4.387	19.16	5.669	105.7	31.338
	S.D.	60.6	19.061	17.2	4.558	2.23	0.611	4.50	1.195	17.3	4.610
					DT *						

AB : Absolute weight, RE : Relative weight by body weight
Significantly different from DPDME 0 mg/kg: * P<0.05, ** P<0.01
DT : Dunnett test (two-side)

Table 15 - 4

Study No. : SR21144

Organ weight
Sex : Female

Stage : Day 14 after parturition

Species : Rat

Test article		Uterus		Brain	
		AB	RE	AB	RE
Dose		mg	mg/100g	g	g/100g
DPDME	n	11	11	11	11
0 mg/kg	Mean	595.5	175.417	2.035	0.599
	S.D.	87.6	28.894	0.128	0.046
DPDME	n	12	12	12	12
40 mg/kg	Mean	564.8	165.459	2.043	0.597
	S.D.	98.3	29.534	0.105	0.025
DPDME	n	12	12	12	12
200 mg/kg	Mean	542.8	158.992	2.037	0.596
	S.D.	64.1	21.476	0.095	0.041
DPDME	n	12	12	12	12
1000 mg/kg	Mean	530.5	156.977	2.027	0.602
	S.D.	86.6	19.772	0.106	0.028

AB : Absolute weight, RE : Relative weight by body weight
Not significantly different from DPDME 0 mg/kg

Table 15 - 5

Study No. : SR21144

Organ weight

Stage : Day 29

Sex : Female (satellite)

Species : Rat

Test article		Body weight	Liver		Kidney		Heart		Spleen	
			AB	RE	AB	RE	AB	RE	AB	RE
Dose		g	g	g/100g	g	g/100g	g	g/100g	mg	mg/100g
DPDME	n	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	276.4	7.098	2.562	1.846	0.666	0.902	0.326	496.2	179.226
	S.D.	12.1	0.733	0.158	0.198	0.047	0.101	0.026	81.3	26.049
DPDME	n	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	263.8	8.914	3.380	1.920	0.728	0.874	0.334	448.2	170.194
	S.D.	9.3	0.314	0.051	0.087	0.031	0.047	0.018	35.0	16.378
			T2 **	A2 **		T2 *				

Test article		Thymus		Adrenal		Pituitary gland		Thyroid		Ovary	
		AB	RE	AB	RE	AB	RE	AB	RE	AB	RE
Dose		mg	mg/100g	mg	mg/100g	mg	mg/100g	mg	mg/100g	mg	mg/100g
DPDME	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	307.2	110.510	81.4	29.460	17.14	6.202	16.84	6.070	102.2	36.818
	S.D.	85.4	27.055	15.7	5.686	1.35	0.418	2.96	0.803	24.8	7.880
DPDME	n	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	272.0	103.546	90.0	34.132	14.02	5.316	16.66	6.332	97.6	36.906
	S.D.	75.2	30.281	5.5	2.071	1.33	0.467	4.93	1.933	15.8	5.091
						T2 **	T2 *				

Test article		Uterus		Brain	
		AB	RE	AB	RE
Dose		mg	mg/100g	g	g/100g
DPDME	n	5	5	5	5
0 mg/kg	Mean	628.2	227.906	1.956	0.706
	S.D.	235.3	88.623	0.104	0.022
DPDME	n	5	5	5	5
1000 mg/kg	Mean	527.8	200.058	1.956	0.744
	S.D.	84.3	30.817	0.026	0.030

AB : Absolute weight, RE : Relative weight by body weight

Significantly different from DPDME 0 mg/kg: * P<0.05, ** P<0.01

A2 : Welch test (two-side), T2 : Student t-test (two-side)

Table 15 - 6

Study No. : SR21144

Organ weight

Stage : Recovery day 15

Sex : Male

Species : Rat

Test article		Body weight	Liver		Kidney		Heart		Spleen	
			AB	RE	AB	RE	AB	RE	AB	RE
Dose		g	g	g/100g	g	g/100g	g	g/100g	mg	mg/100g
DPDME	n	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	525.4	12.380	2.352	3.210	0.610	1.508	0.288	830.6	158.094
	S.D.	20.3	1.284	0.189	0.262	0.037	0.123	0.023	76.3	13.280
DPDME	n	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	535.4	13.770	2.572	3.630	0.678	1.624	0.302	826.0	154.190
	S.D.	18.6	1.096	0.185	0.268	0.070	0.065	0.013	150.9	27.570
					T2 *					

Test article		Thymus		Adrenal		Pituitary gland		Thyroid		Testis	
		AB	RE	AB	RE	AB	RE	AB	RE	AB	RE
Dose		mg	mg/100g	mg	mg/100g	mg	mg/100g	mg	mg/100g	g	g/100g
DPDME	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	327.0	62.352	56.4	10.742	12.34	2.350	22.84	4.354	3.402	0.648
	S.D.	99.0	19.297	7.5	1.476	2.21	0.433	0.60	0.183	0.383	0.058
DPDME	n	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	319.0	59.440	71.4	13.346	11.98	2.228	22.20	4.166	3.380	0.632
	S.D.	45.1	6.631	4.6	0.917	2.47	0.382	7.09	1.411	0.380	0.069
				T2 **	T2 *						

Test article		Epididymis		Prostate		Seminal vesicle		Brain	
		AB	RE	AB	RE	AB	RE	AB	RE
Dose		g	g/100g	mg	mg/100g	g	g/100g	g	g/100g
DPDME	n	5	5	5	5	5	5	5	5
0 mg/kg	Mean	1.424	0.272	931.8	177.716	2.438	0.466	2.212	0.422
	S.D.	0.065	0.008	187.1	37.091	0.351	0.068	0.052	0.008
DPDME	n	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	1.354	0.254	932.2	173.848	2.656	0.498	2.186	0.410
	S.D.	0.132	0.023	160.4	27.717	0.425	0.094	0.098	0.025

AB : Absolute weight, RE : Relative weight by body weight

Significantly different from DPDME 0 mg/kg: * P<0.05, ** P<0.01

T2 : Student t-test (two-side)

Table 15 - 7

Study No. : SR21144

Organ weight

Stage : Recovery day 15

Sex : Female (satellite)

Species : Rat

Test article		Body weight	Liver		Kidney		Heart		Spleen	
			AB	RE	AB	RE	AB	RE	AB	RE
Dose		g	g	g/100g	g	g/100g	g	g/100g	mg	mg/100g
DPDME	n	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	294.8	7.294	2.484	1.842	0.628	0.936	0.318	513.8	173.404
	S.D.	23.8	0.642	0.236	0.089	0.066	0.074	0.026	83.0	14.739
DPDME	n	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	299.6	8.096	2.714	2.062	0.688	0.960	0.322	557.8	185.912
	S.D.	25.9	0.681	0.282	0.223	0.026	0.042	0.018	70.7	13.024

Test article		Thymus		Adrenal		Pituitary gland		Thyroid		Ovary	
		AB	RE	AB	RE	AB	RE	AB	RE	AB	RE
Dose		mg	mg/100g	mg	mg/100g	mg	mg/100g	mg	mg/100g	mg	mg/100g
DPDME	n	5	5	5	5	5	5	5	5	5	5
0 mg/kg	Mean	296.0	99.142	76.0	25.926	17.56	5.968	17.20	5.788	102.0	34.740
	S.D.	87.2	22.068	12.7	5.171	4.06	1.280	5.66	1.582	16.7	6.040
DPDME	n	5	5	5	5	5	5	5	5	5	5
1000 mg/kg	Mean	309.6	103.402	83.6	28.158	15.62	5.194	18.82	6.280	105.2	35.384
	S.D.	41.6	11.186	13.2	5.495	2.55	0.507	4.23	1.214	13.5	6.004

Test article		Uterus		Brain	
		AB	RE	AB	RE
Dose		mg	mg/100g	g	g/100g
DPDME	n	5	5	5	5
0 mg/kg	Mean	680.6	232.944	2.020	0.688
	S.D.	170.1	65.881	0.084	0.033
DPDME	n	5	5	5	5
1000 mg/kg	Mean	641.0	215.018	2.090	0.698
	S.D.	123.1	43.810	0.074	0.056

AB : Absolute weight, RE : Relative weight by body weight

Not significantly different from DPDME 0 mg/kg

Histopathological findings
Sex : Male Stage : Day 29 Species : Rat

Organ / Findings	Test article	DPDME					DPDME					DPDME					DPDME				
	Dose	0 mg/kg					40 mg/kg					200 mg/kg					1000 mg/kg				
	Number of Animals	7					12					12					7				
	Grade	-	1+	2+	3+	4+	-	1+	2+	3+	4+	-	1+	2+	3+	4+	-	1+	2+	3+	4+
Lung				<7>					<0>					<0>					<7>		
Accumulation, macrophage, alveolar		7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	2	0	0	0
Bronchus				<7>					<0>					<0>					<7>		
		7					0					0					7				
Trachea				<7>					<0>					<0>					<7>		
		7					0					0					7				
Submandibular gland				<7>					<0>					<0>					<7>		
		7					0					0					7				
Esophagus				<7>					<0>					<0>					<7>		
		7					0					0					7				
Stomach				<7>					<0>					<0>					<7>		
		7					0					0					7				
Duodenum				<7>					<0>					<0>					<7>		
		7					0					0					7				
Jejunum				<7>					<0>					<0>					<7>		
		7					0					0					7				
Ileum				<7>					<0>					<0>					<7>		
		7					0					0					7				

<> : Number of animals examined
- : Not remarkable
1+ : Slight, 2+ : Mild, 3+ : Moderate, 4+ : Severe
Not significantly different from DPDME 0 mg/kg

Histopathological findings
Sex : Male Stage : Day 29 Species : Rat

Organ / Findings	Test article	DPDME					DPDME					DPDME					DPDME				
	Dose	0 mg/kg					40 mg/kg					200 mg/kg					1000 mg/kg				
	Number of Animals	7					12					12					7				
	Grade	-	1+	2+	3+	4+	-	1+	2+	3+	4+	-	1+	2+	3+	4+	-	1+	2+	3+	4+
Cecum				<7>					<0>					<0>					<7>		
		7					0					0					7				
Colon				<7>					<0>					<0>					<7>		
		7					0					0					7				
Rectum				<7>					<0>					<0>					<7>		
		7					0					0					7				
Pancreas				<7>					<0>					<0>					<7>		
Intracytoplasmic vacuolization, with intraluminal globules, hypereosinophilic/basophilic, acinar cell		6	0	1	0	0	0	0	0	0	0	0	0	0	0	0	7	0	0	0	0
Liver				<7>					<0>					<0>					<7>		
		7					0					0					7				
Heart				<7>					<0>					<0>					<7>		
Infiltration, inflammatory cell, focal		7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	1	0	0	0
Kidney				<7>					<12>					<12>					<7>		
Eosinophilic body, proximal tubular epithelium		7	0	0	0	0	12	0	0	0	0	11	1	0	0	0	1	3	2	1	0
																	FT $$				
Basophilic change, renal tubule, focal		6	1	0	0	0	12	0	0	0	0	12	0	0	0	0	6	0	1	0	0

<> : Number of animals examined
- : Not remarkable
1+ : Slight, 2+ : Mild, 3+ : Moderate, 4+ : Severe
Significantly different from DPDME 0 mg/kg: $$ P<0.01
FT : Fisher's exact test (two-side)

Table 16 - 3

Study No. : SR21144

Histopathological findings
Sex : Male

Stage : Day 29

Species : Rat

Organ / Findings	Test article	DPDME					DPDME					DPDME					DPDME				
	Dose	0 mg/kg					40 mg/kg					200 mg/kg					1000 mg/kg				
	Number of Animals	7					12					12					7				
	Grade	-	1+	2+	3+	4+	-	1+	2+	3+	4+	-	1+	2+	3+	4+	-	1+	2+	3+	4+
Kidney				<7>					<12>					<12>					<7>		
Infiltration, inflammatory cell, renal pelvic mucosa		7	0	0	0	0	12	0	0	0	0	12	0	0	0	0	6	1	0	0	0
Infiltration, inflammatory cell, cortex		6	1	0	0	0	12	0	0	0	0	10	2	0	0	0	7	0	0	0	0
Infarct		7	0	0	0	0	11	1	0	0	0	12	0	0	0	0	7	0	0	0	0
Urinary bladder				<7>					<0>					<0>					<7>		
		7					0					0					7				
Testis				<7>					<0>					<0>					<7>		
Degeneration, seminiferous tubule		7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	1	0	0	0
Epididymis				<7>					<1>					<0>					<7>		
Cell debris, lumen		7	0	0	0	0	1	0	0	0	0	0	0	0	0	0	6	1	0	0	0
Granuloma, spermatic		6	0	1	0	0	0	0	1	0	0	0	0	0	0	0	7	0	0	0	0
Prostate				<7>					<0>					<0>					<7>		
Inflammation, interstitium		7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	2	0	0
Seminal vesicle				<7>					<0>					<0>					<7>		
		7					0					0					7				

<> : Number of animals examined
- : Not remarkable
1+ : Slight, 2+ : Mild, 3+ : Moderate, 4+ : Severe
Not significantly different from DPDME 0 mg/kg

Table 16 - 4

Study No. : SR21144

Histopathological findings
Sex : Male

Stage : Day 29

Species : Rat

Organ / Findings	Test article	DPDME					DPDME					DPDME					DPDME				
	Dose	0 mg/kg					40 mg/kg					200 mg/kg					1000 mg/kg				
	Number of Animals	7					12					12					7				
	Grade	-	1+	2+	3+	4+	-	1+	2+	3+	4+	-	1+	2+	3+	4+	-	1+	2+	3+	4+
Coagulating gland				<7>					<0>					<0>					<7>		
		7					0					0					7				
Cerebrum				<7>					<0>					<0>					<7>		
		7					0					0					7				
Cerebellum				<7>					<0>					<0>					<7>		
		7					0					0					7				
Pons				<7>					<0>					<0>					<7>		
		7					0					0					7				
Spinal cord				<7>					<0>					<0>					<7>		
		7					0					0					7				
Sciatic nerve				<7>					<0>					<0>					<7>		
		7					0					0					7				
Spleen				<7>					<0>					<0>					<7>		
		7					0					0					7				
Thymus				<7>					<0>					<0>					<7>		
Remnant, epithelial cell		6	1	0	0	0	0	0	0	0	0	0	0	0	0	0	7	0	0	0	0
Bone marrow, femur				<7>					<0>					<0>					<7>		
		7					0					0					7				

<> : Number of animals examined
- : Not remarkable
1+ : Slight, 2+ : Mild, 3+ : Moderate, 4+ : Severe
Not significantly different from DPDME 0 mg/kg

Histopathological findings
Sex : Male Stage : Day 29 Species : Rat

Organ / Findings	Test article	DPDME					DPDME					DPDME					DPDME				
	Dose	0 mg/kg					40 mg/kg					200 mg/kg					1000 mg/kg				
	Number of Animals	7					12					12					7				
	Grade	-	1+	2+	3+	4+	-	1+	2+	3+	4+	-	1+	2+	3+	4+	-	1+	2+	3+	4+
Submandibular lymph node				<7>					<0>					<0>					<7>		
		7					0					0					7				
Mesenteric lymph node				<7>					<0>					<0>					<7>		
		7					0					0					7				
Peyer's patch				<7>					<0>					<0>					<7>		
		7					0					0					7				
Pituitary gland				<7>					<0>					<0>					<7>		
Remnant, craniopharyngeal duct		6	0	1	0	0	0	0	0	0	0	0	0	0	0	0	7	0	0	0	0
Thyroid				<7>					<0>					<0>					<7>		
Remnant, ultimobranchial body		4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	5	2	0	0	0
Parathyroid				<7>					<0>					<0>					<7>		
		7					0					0					7				
Adrenal				<7>					<0>					<0>					<7>		
Vacuolation, cortical cell, zona fasciculata		7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	1	0	0
Eyeball				<7>					<0>					<0>					<7>		
		7					0					0					7				

<> : Number of animals examined
- : Not remarkable
1+ : Slight, 2+ : Mild, 3+ : Moderate, 4+ : Severe
Not significantly different from DPDME 0 mg/kg

Histopathological findings
Sex : Male Stage : Day 29 Species : Rat

Organ / Findings	Test article	DPDME					DPDME					DPDME					DPDME				
	Dose	0 mg/kg					40 mg/kg					200 mg/kg					1000 mg/kg				
	Number of Animals	7					12					12					7				
	Grade	-	1+	2+	3+	4+	-	1+	2+	3+	4+	-	1+	2+	3+	4+	-	1+	2+	3+	4+
Harderian gland		<7>					<0>					<0>					<7>				
Infiltration, inflammatory cell, focal		6	1	0	0	0	0	0	0	0	0	0	0	0	0	0	5	2	0	0	0
Skeletal muscle		<7>					<0>					<0>					<7>				
		7					0					0					7				
Femur		<7>					<0>					<0>					<7>				
		7					0					0					7				
Mammary gland		<7>					<0>					<0>					<7>				
		7					0					0					7				

<> : Number of animals examined
- : Not remarkable
1+ : Slight, 2+ : Mild, 3+ : Moderate, 4+ : Severe
Not significantly different from DPDME 0 mg/kg

Histopathological findings
Sex : Female Stage : Day 14 after parturition Species : Rat

Organ / Findings	Test article	DPDME					DPDME					DPDME					DPDME				
	Dose	0 mg/kg					40 mg/kg					200 mg/kg					1000 mg/kg				
	Number of Animals	11					12					12					12				
	Grade	-	1+	2+	3+	4+	-	1+	2+	3+	4+	-	1+	2+	3+	4+	-	1+	2+	3+	4+
Lung		<11>					<0>					<0>					<12>				
Accumulation, macrophage, alveolar		10	1	0	0	0	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0
Bronchus		<11>					<0>					<0>					<12>				
		11					0					0					12				
Trachea		<11>					<0>					<0>					<12>				
		11					0					0					12				
Submandibular gland		<11>					<0>					<0>					<12>				
		11					0					0					12				
Esophagus		<11>					<0>					<0>					<12>				
		11					0					0					12				
Stomach		<11>					<0>					<0>					<12>				
Erosion, glandular stomach		11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	1	0	0	0
Duodenum		<11>					<0>					<0>					<12>				
		11					0					0					12				
Jejunum		<11>					<0>					<0>					<12>				
		11					0					0					12				
Ileum		<11>					<0>					<0>					<12>				
		11					0					0					12				

<> : Number of animals examined
- : Not remarkable
1+ : Slight, 2+ : Mild, 3+ : Moderate, 4+ : Severe
Not significantly different from DPDME 0 mg/kg

Histopathological findings
Sex : Female Stage : Day 14 after parturition Species : Rat

Organ / Findings	Test article	DPDME					DPDME					DPDME					DPDME				
	Dose	0 mg/kg					40 mg/kg					200 mg/kg					1000 mg/kg				
	Number of Animals	11					12					12					12				
	Grade	-	1+	2+	3+	4+	-	1+	2+	3+	4+	-	1+	2+	3+	4+	-	1+	2+	3+	4+
Cecum		<11>					<0>					<0>					<12>				
		11					0					0					12				
Colon		<11>					<0>					<0>					<12>				
		11					0					0					12				
Rectum		<11>					<0>					<0>					<12>				
		11					0					0					12				
Pancreas		<11>					<0>					<0>					<12>				
		11					0					0					12				
Liver		<11>					<12>					<12>					<12>				
Hypertrophy, hepatocyte, centrilobular		11	0	0	0	0	12	0	0	0	0	12	0	0	0	0	2	10	0	0	0
																	FT $$				
Heart		<11>					<0>					<0>					<12>				
		11					0					0					12				
Kidney		<11>					<0>					<0>					<12>				
Basophilic change, renal tubule, focal		10	1	0	0	0	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0
Urinary bladder		<11>					<0>					<0>					<12>				
		11					0					0					12				
Ovary		<11>					<0>					<0>					<12>				
		11					0					0					12				

<> : Number of animals examined
- : Not remarkable
1+ : Slight, 2+ : Mild, 3+ : Moderate, 4+ : Severe
Significantly different from DPDME 0 mg/kg: $$ P<0.01
FT : Fisher's exact test (two-side)

Histopathological findings
Sex : Female Stage : Day 14 after parturition Species : Rat

Organ / Findings	Test article	DPDME					DPDME					DPDME					DPDME				
	Dose	0 mg/kg					40 mg/kg					200 mg/kg					1000 mg/kg				
	Number of Animals	11					12					12					12				
	Grade	-	1+	2+	3+	4+	-	1+	2+	3+	4+	-	1+	2+	3+	4+	-	1+	2+	3+	4+
Uterine horn				<11>					<0>					<0>					<12>		
		11					0					0					12				
Uterine cervix				<11>					<0>					<0>					<12>		
		11					0					0					12				
Vagina				<11>					<0>					<0>					<12>		
		11					0					0					12				
Cerebrum				<11>					<0>					<0>					<12>		
		11					0					0					12				
Cerebellum				<11>					<0>					<0>					<12>		
		11					0					0					12				
Pons				<11>					<0>					<0>					<12>		
		11					0					0					12				
Spinal cord				<11>					<0>					<0>					<12>		
		11					0					0					12				
Sciatic nerve				<11>					<0>					<0>					<12>		
		11					0					0					12				
Spleen				<11>					<0>					<0>					<12>		
		11					0					0					12				

<> : Number of animals examined
- : Not remarkable
1+ : Slight, 2+ : Mild, 3+ : Moderate, 4+ : Severe
Not significantly different from DPDME 0 mg/kg

Table 16 - 10

Study No. : SR21144

Histopathological findings
Sex : Female

Stage : Day 14 after parturition

Species : Rat

Organ / Findings	Test article	DPDME					DPDME					DPDME					DPDME				
	Dose	0 mg/kg					40 mg/kg					200 mg/kg					1000 mg/kg				
	Number of Animals	11					12					12					12				
	Grade	-	1+	2+	3+	4+	-	1+	2+	3+	4+	-	1+	2+	3+	4+	-	1+	2+	3+	4+
Thymus		<11>					<0>					<0>					<12>				
Remnant, epithelial cell		8	3	0	0	0	0	0	0	0	0	0	0	0	0	0	11	1	0	0	0
Bone marrow, femur		<11>					<0>					<0>					<12>				
		11					0					0					12				
Submandibular lymph node		<11>					<0>					<0>					<12>				
		11					0					0					12				
Mesenteric lymph node		<11>					<0>					<0>					<12>				
Hyperplasia, macrophage		11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	1	0	0	0
Peyer's patch		<11>					<0>					<0>					<12>				
		11					0					0					12				
Pituitary gland		<11>					<0>					<0>					<12>				
		11					0					0					12				
Thyroid		<11>					<0>					<0>					<12>				
Remnant, ultimobranchial body		5	6	0	0	0	0	0	0	0	0	0	0	0	0	0	10	2	0	0	0
Parathyroid		<11>					<0>					<0>					<12>				
		11					0					0					12				

<> : Number of animals examined
- : Not remarkable
1+ : Slight, 2+ : Mild, 3+ : Moderate, 4+ : Severe
Not significantly different from DPDME 0 mg/kg

Table 16 - 11

Study No. : SR21144

Histopathological findings
Sex : Female

Stage : Day 14 after parturition

Species : Rat

Organ / Findings	Test article	DPDME					DPDME					DPDME					DPDME				
	Dose	0 mg/kg					40 mg/kg					200 mg/kg					1000 mg/kg				
	Number of Animals	11					12					12					12				
	Grade	-	1+	2+	3+	4+	-	1+	2+	3+	4+	-	1+	2+	3+	4+	-	1+	2+	3+	4+
Adrenal		<11>					<0>					<0>					<12>				
Hyperplasia, cortex, focal		10	1	0	0	0	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0
Eyeball		<11>					<0>					<0>					<12>				
Dysplasia, retina		10	1	0	0	0	0	0	0	0	0	0	0	0	0	0	11	1	0	0	0
Harderian gland		<11>					<0>					<0>					<12>				
		11					0					0					12				
Skeletal muscle		<11>					<0>					<0>					<12>				
		11					0					0					12				
Femur		<11>					<0>					<0>					<12>				
		11					0					0					12				
Mammary gland		<11>					<0>					<0>					<12>				
		11					0					0					12				

<> : Number of animals examined
- : Not remarkable
1+ : Slight, 2+ : Mild, 3+ : Moderate, 4+ : Severe
Not significantly different from DPDME 0 mg/kg

Table 16 - 12

Study No. : SR21144

Histopathological findings
Sex : Female

Stage : Non-pregnancy

Species : Rat

Organ / Findings	Test article	DPDME				
	Dose	0 mg/kg				
	Number of Animals	1				
	Grade	-	1+	2+	3+	4+
Lung		<1>				
		1				
Bronchus		<1>				
		1				
Trachea		<1>				
		1				
Submandibular gland		<1>				
		1				
Esophagus		<1>				
		1				
Stomach		<1>				
		1				
Duodenum		<1>				
		1				
Jejunum		<1>				
		1				
Ileum		<1>				
		1				

<> : Number of animals examined
- : Not remarkable
1+ : Slight, 2+ : Mild, 3+ : Moderate, 4+ : Severe

Table 16 - 13

Study No. : SR21144

Histopathological findings
Sex : Female

Stage : Non-pregnancy

Species : Rat

Organ / Findings	Test article	DPDME				
	Dose	0 mg/kg				
	Number of Animals	1				
	Grade	-	1+	2+	3+	4+
Cecum		<1>				
		1				
Colon		<1>				
		1				
Rectum		<1>				
		1				
Pancreas		<1>				
		1				
Liver		<1>				
		1				
Heart		<1>				
		1				
Kidney		<1>				
		1				
Urinary bladder		<1>				
		1				
Ovary		<1>				
		1				

<> : Number of animals examined
- : Not remarkable
1+ : Slight, 2+ : Mild, 3+ : Moderate, 4+ : Severe

Table 16 - 14

Study No. : SR21144

Histopathological findings
Sex : Female

Stage : Non-pregnancy

Species : Rat

Organ / Findings	Test article	DPDME				
	Dose	0 mg/kg				
	Number of Animals	1				
	Grade	-	1+	2+	3+	4+
Uterine horn				<1>		
		1				
Uterine cervix				<1>		
		1				
Vagina				<1>		
		1				
Cerebrum				<1>		
		1				
Cerebellum				<1>		
		1				
Pons				<1>		
		1				
Spinal cord				<1>		
		1				
Sciatic nerve				<1>		
		1				
Spleen				<1>		
		1				

<> : Number of animals examined
- : Not remarkable
1+ : Slight, 2+ : Mild, 3+ : Moderate, 4+ : Severe

Table 16 - 15

Study No. : SR21144

Histopathological findings
Sex : Female

Stage : Non-pregnancy

Species : Rat

Organ / Findings	Test article	DPDME				
	Dose	0 mg/kg				
	Number of Animals	1				
	Grade	-	1+	2+	3+	4+
Thymus				<1>		
		1				
Bone marrow, femur				<1>		
		1				
Submandibular lymph node				<1>		
		1				
Mesenteric lymph node				<1>		
		1				
Peyer's patch				<1>		
		1				
Pituitary gland				<1>		
		1				
Thyroid				<1>		
Remnant, ultimobranchial body		0	1	0	0	0
Parathyroid				<1>		
		1				
Adrenal				<1>		
		1				

<> : Number of animals examined
- : Not remarkable
1+ : Slight, 2+ : Mild, 3+ : Moderate, 4+ : Severe

Histopathological findings
Sex : Female Stage : Non-pregnancy Species : Rat

Organ / Findings	Test article	DPDME				
	Dose	0 mg/kg				
	Number of Animals	1				
	Grade	-	1+	2+	3+	4+
Eyeball		<1>				
		1				
Harderian gland		<1>				
		1				
Skeletal muscle		<1>				
		1				
Femur		<1>				
		1				
Mammary gland		<1>				
		1				

<> : Number of animals examined
- : Not remarkable
1+ : Slight, 2+ : Mild, 3+ : Moderate, 4+ : Severe

Histopathological findings
Sex : Female (satellite) Stage : Day 29 Species : Rat

Organ / Findings	Test article	DPDME					DPDME				
	Dose	0 mg/kg					1000 mg/kg				
	Number of Animals	5					5				
	Grade	-	1+	2+	3+	4+	-	1+	2+	3+	4+
Lung				<5>					<5>		
		5					5				
Bronchus				<5>					<5>		
		5					5				
Trachea				<5>					<5>		
		5					5				
Submandibular gland				<5>					<5>		
		5					5				
Esophagus				<5>					<5>		
		5					5				
Stomach				<5>					<5>		
		5					5				
Duodenum				<5>					<5>		
		5					5				
Jejunum				<5>					<5>		
		5					5				
Ileum				<5>					<5>		
		5					5				

<> : Number of animals examined
- : Not remarkable
1+ : Slight, 2+ : Mild, 3+ : Moderate, 4+ : Severe
Not significantly different from DPDME 0 mg/kg

Histopathological findings
Sex : Female (satellite) Stage : Day 29 Species : Rat

Organ / Findings	Test article	DPDME					DPDME				
	Dose	0 mg/kg					1000 mg/kg				
	Number of Animals	5					5				
	Grade	-	1+	2+	3+	4+	-	1+	2+	3+	4+
Cecum		<5>					<5>				
		5					5				
Colon		<5>					<5>				
		5					5				
Rectum		<5>					<5>				
		5					5				
Pancreas		<5>					<5>				
Atrophy, acinar cell, focal		5	0	0	0	0	4	1	0	0	0
Liver		<5>					<5>				
Hypertrophy, hepatocyte, centrilobular		5	0	0	0	0	1	4	0	0	0
							FT $				
Heart		<5>					<5>				
		5					5				
Kidney		<5>					<5>				
Infiltration, inflammatory cell, renal pelvic mucosa		4	1	0	0	0	5	0	0	0	0
Urinary bladder		<5>					<5>				
		5					5				

<> : Number of animals examined
- : Not remarkable
1+ : Slight, 2+ : Mild, 3+ : Moderate, 4+ : Severe
Significantly different from DPDME 0 mg/kg: $ P<0.05
FT : Fisher's exact test (two-side)

Histopathological findings
Sex : Female (satellite) Stage : Day 29 Species : Rat

Organ / Findings	Test article	DPDME					DPDME				
	Dose	0 mg/kg					1000 mg/kg				
	Number of Animals	5					5				
	Grade	-	1+	2+	3+	4+	-	1+	2+	3+	4+
Ovary				<5>					<5>		
Cyst, lutein		4	1	0	0	0	5	0	0	0	0
Uterine horn				<5>					<5>		
		5					5				
Uterine cervix				<5>					<5>		
		5					5				
Vagina				<5>					<5>		
		5					5				
Cerebrum				<5>					<5>		
		5					5				
Cerebellum				<5>					<5>		
		5					5				
Pons				<5>					<5>		
		5					5				
Spinal cord				<5>					<5>		
		5					5				
Sciatic nerve				<5>					<5>		
		5					5				

<> : Number of animals examined
- : Not remarkable
1+ : Slight, 2+ : Mild, 3+ : Moderate, 4+ : Severe
Not significantly different from DPDME 0 mg/kg

Histopathological findings
Sex : Female (satellite) Stage : Day 29 Species : Rat

Organ / Findings	Test article	DPDME					DPDME				
	Dose	0 mg/kg					1000 mg/kg				
	Number of Animals	5					5				
	Grade	-	1+	2+	3+	4+	-	1+	2+	3+	4+
Spleen				<5>					<5>		
		5					5				
Thymus				<5>					<5>		
Remnant, epithelial cell		3	2	0	0	0	2	3	0	0	0
Bone marrow, femur				<5>					<5>		
		5					5				
Submandibular lymph node				<5>					<5>		
		5					5				
Mesenteric lymph node				<5>					<5>		
		5					5				
Peyer's patch				<5>					<5>		
		5					5				
Pituitary gland				<5>					<5>		
		5					5				
Thyroid				<5>					<5>		
Remnant, ultimobranchial body		3	2	0	0	0	4	1	0	0	0
Parathyroid				<5>					<5>		
		5					5				

<> : Number of animals examined
- : Not remarkable
1+ : Slight, 2+ : Mild, 3+ : Moderate, 4+ : Severe
Not significantly different from DPDME 0 mg/kg

Histopathological findings
Sex : Female (satellite) Stage : Day 29 Species : Rat

Organ / Findings	Test article	DPDME					DPDME				
	Dose	0 mg/kg					1000 mg/kg				
	Number of Animals	5					5				
	Grade	-	1+	2+	3+	4+	-	1+	2+	3+	4+
Adrenal				<5>					<5>		
		5					5				
Eyeball				<5>					<5>		
Dysplasia, retina		5	0	0	0	0	4	1	0	0	0
Harderian gland				<5>					<5>		
		5					5				
Skeletal muscle				<5>					<5>		
		5					5				
Femur				<5>					<5>		
		5					5				
Mammary gland				<5>					<5>		
		5					5				

<> : Number of animals examined
- : Not remarkable
1+ : Slight, 2+ : Mild, 3+ : Moderate, 4+ : Severe
Not significantly different from DPDME 0 mg/kg

Table 16 - 22

Study No. : SR21144

Histopathological findings
Sex : Male

Stage : Recovery day 15

Species : Rat

Organ / Findings	Test article	DPDME					DPDME				
	Dose	0 mg/kg					1000 mg/kg				
	Number of Animals	5					5				
	Grade	-	1+	2+	3+	4+	-	1+	2+	3+	4+
Kidney		<5>					<5>				
Dilatation, renal tubule		5	0	0	0	0	4	1	0	0	0
Basophilic change, renal tubule, focal		5	0	0	0	0	3	2	0	0	0

<> : Number of animals examined
- : Not remarkable
1+ : Slight, 2+ : Mild, 3+ : Moderate, 4+ : Severe
Not significantly different from DPDME 0 mg/kg

Table 17

Study No. : SR21144

Estrous cycles
Generation : F0

Species : Rat

Test article Dose		/Before mating Mean length of estrous cycle (Days)	Number of estrus	Number of animals with acyclic or irregular cycle
DPDME 0 mg/kg	n	12	12	12 (0)
	Mean	4.00	3.4	
	S.D.	0.00	0.5	
DPDME 40 mg/kg	n	12	12	12 (1)
	Mean	4.02	3.4	
	S.D.	0.17	0.5	
DPDME 200 mg/kg	n	12	12	12 (0)
	Mean	4.08	3.3	
	S.D.	0.29	0.5	
DPDME 1000 mg/kg	n	12	12	12 (1)
	Mean	4.10	3.4	
	S.D.	0.33	0.5	

() : Values in brackets represent number of animals with acyclic or irregular cycle.
Not significantly different from DPDME 0 mg/kg

Table 18 - 1

Study No. : SR21144

Reproductive performance
Generation : F0 Sex : Male

Species : Rat

Test article Dose		Number of pairs	Day of conceiving	1st mating Copulation index (%)	1st mating Fertility index (%)	2nd mating Copulation index (%)	2nd mating Fertility index (%)	Total Copulation index (%)	Total Fertility index (%)
DPDME	n	12	12	(12/12)	(11/12)			(12/12)	(11/12)
0 mg/kg	Mean		3.3	100.0	91.7			100.0	91.7
	S.D.		3.5						
DPDME	n	12	12	(12/12)	(12/12)			(12/12)	(12/12)
40 mg/kg	Mean		2.3	100.0	100.0			100.0	100.0
	S.D.		1.6						
DPDME	n	12	12	(12/12)	(12/12)			(12/12)	(12/12)
200 mg/kg	Mean		2.1	100.0	100.0			100.0	100.0
	S.D.		0.8						
DPDME	n	12	12	(12/12)	(12/12)			(12/12)	(12/12)
1000 mg/kg	Mean		3.3	100.0	100.0			100.0	100.0
	S.D.		3.0						

Not significantly different from DPDME 0 mg/kg

Table 18 - 2

Study No. : SR21144

Reproductive performance
Generation : F0 Sex : Female

Species : Rat

Test article Dose		Number of pairs	Day of conceiving	1st mating Copulation index (%)	1st mating Fertility index (%)	2nd mating Copulation index (%)	2nd mating Fertility index (%)	Total Copulation index (%)	Total Fertility index (%)
DPDME	n	12	12	(12/12)	(11/12)			(12/12)	(11/12)
0 mg/kg	Mean		3.3	100.0	91.7			100.0	91.7
	S.D.		3.5						
DPDME	n	12	12	(12/12)	(12/12)			(12/12)	(12/12)
40 mg/kg	Mean		2.3	100.0	100.0			100.0	100.0
	S.D.		1.6						
DPDME	n	12	12	(12/12)	(12/12)			(12/12)	(12/12)
200 mg/kg	Mean		2.1	100.0	100.0			100.0	100.0
	S.D.		0.8						
DPDME	n	12	12	(12/12)	(12/12)			(12/12)	(12/12)
1000 mg/kg	Mean		3.3	100.0	100.0			100.0	100.0
	S.D.		3.0						

Not significantly different from DPDME 0 mg/kg

Table 19 - 1

Study No. : SR21144

Delivery data
Generation : F0

Species : Rat

Test article Dose		Gestation length (day)	Gestation index (%)	Number of implan-tation	Delivery index (%)	Number of offspring	Number of live newborns M	F	Total	Sex ratio (%) live-borns	delivered pups	Number of dead newborns
DPDME	n	11	11/11	11	11	11	11	11	11	79/162	79/163	11
0 mg/kg	Mean	22.27	100.0	15.5	95.33	14.8	7.2	7.5	14.7	48.8	48.5	0.1
	S.D.	0.47		1.5	4.41	1.6	2.0	2.2	1.6			0.3
DPDME	n	12	12/12	12	12	12	12	12	12	105/189	105/189	12
40 mg/kg	Mean	22.33	100.0	17.3	90.89	15.8	8.8	7.0	15.8	55.6	55.6	0.0
	S.D.	0.49		2.1	7.12	2.3	2.6	1.9	2.3			0.0
DPDME	n	12	12/12	12	12	12	12	12	12	87/174	90/182	12
200 mg/kg	Mean	22.50	100.0	16.4	91.79	15.2	7.3	7.3	14.5	50.0	49.5	0.7
	S.D.	0.52		2.1	11.70	3.0	2.1	2.5	3.4			1.1
DPDME	n	12	12/12	12	12	12	12	12	12	89/165	92/173	12
1000 mg/kg	Mean	22.17	100.0	15.8	91.65	14.4	7.4	6.3	13.8	53.9	53.2	0.7
	S.D.	0.39		2.1	15.32	2.6	2.6	2.6	2.2			0.8

M : Male, F : Female
Not significantly different from DPDME 0 mg/kg

Table 19 - 2

Study No. : SR21144

Delivery data (external examination of offspring)
Generation : F1

Postnatal Day : 0
Species : Rat

	DPDME	DPDME	DPDME	DPDME
Test article				
Dose	0	40	200	1000
Dose unit	mg/kg	mg/kg	mg/kg	mg/kg
Number of dams	11	12	12	12
Number of offspring	162	189	174	165
Number of dams with anomalous offspring (incidence %)	0(0.00)	0(0.00)	0(0.00)	0(0.00)
Number of offspring with any anomaly (incidence %)	0(0.00)	0(0.00)	0(0.00)	0(0.00)

Not significantly different from DPDME 0 mg/kg

Table 20

Study No. : SR21144

Clinical sign of offspring
Generation : F1

Species : Rat

Test article		/Postnatal Day													
Dose	Clinical signs	0	1	2	3	4	5	6	7	8	9	10	11	12	13
DPDME	Number of dams examined	11	11	11	11	11	11	11	11	11	11	11	11	11	11
0 mg/kg	Number of offspring	162	162	160	158	157	88	88	88	88	88	88	88	88	88
	Number of dams with anomalous offspring	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DPDME	Number of dams examined	12	12	12	12	12	12	12	12	12	12	12	12	12	12
40 mg/kg	Number of offspring	189	188	187	186	186	96	96	96	96	96	96	96	96	96
	Number of dams with anomalous offspring	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DPDME	Number of dams examined	12	12	12	12	12	12	12	12	12	12	12	12	12	12
200 mg/kg	Number of offspring	174	172	171	170	166	93	93	93	93	93	93	93	93	93
	Number of dams with anomalous offspring	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DPDME	Number of dams examined	12	12	12	12	12	12	12	12	12	12	12	12	12	12
1000 mg/kg	Number of offspring	165	165	164	164	161	96	96	96	96	96	96	96	96	96
	Number of dams with anomalous offspring	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 21

Study No. : SR21144

Litter size and viability index of offspring
Generation : F1

Species : Rat

Test article Dose	/Postnatal Day	0	0 Viability index (%)	4 Pre-culled	4 Viability index (%)	4 Post-culled	13	13 Viability index (%)
DPDME	Total	162		157		88	88	
0 mg/kg	n	11	11	11	11	11	11	11
	Mean		99.39		96.94			100.00
	S.D.		2.02		4.61			0.00
DPDME	Total	189		186		96	96	
40 mg/kg	n	12	12	12	12	12	12	12
	Mean		100.00		98.49			100.00
	S.D.		0.00		3.82			0.00
DPDME	Total	174		166		94	93	
200 mg/kg	n	12	12	12	12	12	12	12
	Mean		94.88		95.54			98.96
	S.D.		8.85		6.05			3.61
DPDME	Total	165		161		96	96	
1000 mg/kg	n	12	12	12	12	12	12	12
	Mean		95.93		97.73			100.00
	S.D.		4.74		3.35			0.00

Not significantly different from DPDME 0 mg/kg

Table 22

Study No. : SR21144

Litter data on body weight of offspring

Generation : F1

Unit : g

Species : Rat

Test article			/Postnatal Day			
Dose			0	4	7	13
DPDME	Male	n	11	11	11	11
0 mg/kg		Mean	6.817	11.035	18.472	34.871
		S.D.	0.475	0.885	1.562	2.307
	Female	n	11	11	11	11
		Mean	6.462	10.422	17.699	33.943
		S.D.	0.426	0.897	1.518	2.295
DPDME	Male	n	12	12	12	12
40 mg/kg		Mean	6.863	10.848	18.844	35.855
		S.D.	0.825	1.611	2.386	3.453
	Female	n	12	12	12	12
		Mean	6.428	10.107	17.696	34.211
		S.D.	0.822	1.471	1.993	2.996
DPDME	Male	n	12	12	12	12
200 mg/kg		Mean	6.843	11.079	18.676	35.071
		S.D.	0.500	1.104	1.410	2.035
	Female	n	12	12	12	12
		Mean	6.448	10.340	17.741	33.648
		S.D.	0.443	1.033	1.158	1.994
DPDME	Male	n	12	12	12	12
1000 mg/kg		Mean	6.643	9.952	17.086	32.263
		S.D.	0.516	1.168	1.751	2.226
	Female	n	12	12	12	12
		Mean	6.353	9.500	15.993	30.377
		S.D.	0.469	1.134	1.257	2.085
					DT *	DT **

Significantly different from DPDME 0 mg/kg: * P<0.05, ** P<0.01

DT : Dunnett test (two-side)

Table 23

Study No. : SR21144

Litter data on anogenital distance of offspring
Generation : F1

Unit : mm　　Species : Rat

Dose / Test article	Sex		/Postnatal Day 4 AGD	AGD/$\sqrt[3]{BW}$
DPDME 0 mg/kg	Male	n	11	11
		Mean	5.7091	2.5691
		S.D.	0.1737	0.0926
	Female	n	11	11
		Mean	2.8075	1.2890
		S.D.	0.1098	0.0557
DPDME 40 mg/kg	Male	n	12	12
		Mean	5.7813	2.6193
		S.D.	0.2865	0.0598
	Female	n	12	12
		Mean	2.8433	1.3194
		S.D.	0.1924	0.0687
DPDME 200 mg/kg	Male	n	12	12
		Mean	5.8706	2.6417
		S.D.	0.1911	0.0906
	Female	n	12	12
		Mean	2.8524	1.3123
		S.D.	0.2062	0.0676
DPDME 1000 mg/kg	Male	n	12	12
		Mean	5.7321	2.6716
		S.D.	0.2939	0.0808
				DT *
	Female	n	12	12
		Mean	2.7758	1.3138
		S.D.	0.1605	0.0531

AGD : Anogenital Distance
Significantly different from DPDME 0 mg/kg: * P<0.05
DT : Dunnett test (two-side)

Table 24

Study No. : SR21144

Nipple retention of male pups
Generation : F1

Unit : No.

Species : Rat

Test article Dose			/Postnatal Day 13
DPDME 0 mg/kg	Male	n	11
		Mean	0.00
		S.D.	0.00
DPDME 40 mg/kg	Male	n	12
		Mean	0.00
		S.D.	0.00
DPDME 200 mg/kg	Male	n	12
		Mean	0.00
		S.D.	0.00
DPDME 1000 mg/kg	Male	n	12
		Mean	0.00
		S.D.	0.00

Not significantly different from DPDME 0 mg/kg

Table 25

Study No. : SR21144

Serum T4 concentration of offspring

Stage : Postnatal day 13

Generation : F1

Species : Rat

Test article Dose		T4 ng/mL
DPDME	n	11
0 mg/kg	Mean	56.50
	S.D.	4.70
DPDME	n	12
40 mg/kg	Mean	54.28
	S.D.	7.50
DPDME	n	12
200 mg/kg	Mean	51.43
	S.D.	5.87
DPDME	n	12
1000 mg/kg	Mean	51.16
	S.D.	4.66

Not significantly different from DPDME 0 mg/kg

Table 26

Study No. : SR21144

Necropsy findings of offspring
Generation : F1

Species : Rat

Test article	DPDME	DPDME	DPDME	DPDME
Dose	0	40	200	1000
Dose unit	mg/kg	mg/kg	mg/kg	mg/kg
Number of dams	11	12	12	12
Number of live offspring examined on postnatal Day 13	88	96	93	96
Finding absent	88	96	93	96
Number of dead offspring examined on postnatal Day 0-13	6	3	11	10
Finding absent	6	3	11	10

Clinical sign
Sex : Male

Period : Administration Day 1-14
Dose : DPDME 0 mg/kg

Species : Rat

Animal No.	Clinical signs	Day	1		2		3		4		5		6		7		8		9	
		Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
10101	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10102	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10103	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10104	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10105	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10106	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10107	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10108	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10109	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10110	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10111	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10112	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Animal No.	Clinical signs	Day	10		11		12		13		14	
		Time	1	2	1	2	1	2	1	2	1	2
10101	No abnormality		-	-	-	-	-	-	-	-	-	-
10102	No abnormality		-	-	-	-	-	-	-	-	-	-
10103	No abnormality		-	-	-	-	-	-	-	-	-	-
10104	No abnormality		-	-	-	-	-	-	-	-	-	-
10105	No abnormality		-	-	-	-	-	-	-	-	-	-
10106	No abnormality		-	-	-	-	-	-	-	-	-	-
10107	No abnormality		-	-	-	-	-	-	-	-	-	-
10108	No abnormality		-	-	-	-	-	-	-	-	-	-
10109	No abnormality		-	-	-	-	-	-	-	-	-	-
10110	No abnormality		-	-	-	-	-	-	-	-	-	-
10111	No abnormality		-	-	-	-	-	-	-	-	-	-
10112	No abnormality		-	-	-	-	-	-	-	-	-	-

1 : Before dosing, 2 : After dosing

Clinical sign
Sex : Male

Period : Administration Day 15-29
Dose : DPDME 0 mg/kg

Species : Rat

Animal No.	Clinical signs	Day	15		16		17		18		19		20		21		22		23	
		Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
10101	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10102	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10103	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10104	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10105	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10106	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10107	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10108	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10109	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10110	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10111	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10112	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Animal No.	Clinical signs	Day	24		25		26		27		28		29
		Time	1	2	1	2	1	2	1	2	1	2	3
10101	No abnormality		-	-	-	-	-	-	-	-	-	-	-
10102	No abnormality		-	-	-	-	-	-	-	-	-	-	
10103	No abnormality		-	-	-	-	-	-	-	-	-	-	
10104	No abnormality		-	-	-	-	-	-	-	-	-	-	-
10105	No abnormality		-	-	-	-	-	-	-	-	-	-	-
10106	No abnormality		-	-	-	-	-	-	-	-	-	-	-
10107	No abnormality		-	-	-	-	-	-	-	-	-	-	
10108	No abnormality		-	-	-	-	-	-	-	-	-	-	-
10109	No abnormality		-	-	-	-	-	-	-	-	-	-	-
10110	No abnormality		-	-	-	-	-	-	-	-	-	-	-
10111	No abnormality		-	-	-	-	-	-	-	-	-	-	
10112	No abnormality		-	-	-	-	-	-	-	-	-	-	

1 : Before dosing, 2 : After dosing, 3 : Necropsy day

Clinical sign
Sex : Male

Period : Administration Day 1-14
Dose : DPDME 40 mg/kg

Species : Rat

Animal No.	Clinical signs	Day	1		2		3		4		5		6		7		8		9	
		Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
10201	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10202	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10203	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10204	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10205	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10206	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10207	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10208	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10209	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10210	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10211	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10212	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Animal No.	Clinical signs	Day	10		11		12		13		14	
		Time	1	2	1	2	1	2	1	2	1	2
10201	No abnormality		-	-	-	-	-	-	-	-	-	-
10202	No abnormality		-	-	-	-	-	-	-	-	-	-
10203	No abnormality		-	-	-	-	-	-	-	-	-	-
10204	No abnormality		-	-	-	-	-	-	-	-	-	-
10205	No abnormality		-	-	-	-	-	-	-	-	-	-
10206	No abnormality		-	-	-	-	-	-	-	-	-	-
10207	No abnormality		-	-	-	-	-	-	-	-	-	-
10208	No abnormality		-	-	-	-	-	-	-	-	-	-
10209	No abnormality		-	-	-	-	-	-	-	-	-	-
10210	No abnormality		-	-	-	-	-	-	-	-	-	-
10211	No abnormality		-	-	-	-	-	-	-	-	-	-
10212	No abnormality		-	-	-	-	-	-	-	-	-	-

1 : Before dosing, 2 : After dosing

Clinical sign
Sex : Male

Period : Administration Day 15-29
Dose : DPDME 40 mg/kg

Species : Rat

Animal No.	Clinical signs	Day	15		16		17		18		19		20		21		22		23	
		Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
10201	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10202	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10203	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10204	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10205	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10206	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10207	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10208	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10209	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10210	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10211	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10212	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Animal No.	Clinical signs	Day	24		25		26		27		28		29
		Time	1	2	1	2	1	2	1	2	1	2	3
10201	No abnormality		-	-	-	-	-	-	-	-	-	-	-
10202	No abnormality		-	-	-	-	-	-	-	-	-	-	-
10203	No abnormality		-	-	-	-	-	-	-	-	-	-	-
10204	No abnormality		-	-	-	-	-	-	-	-	-	-	-
10205	No abnormality		-	-	-	-	-	-	-	-	-	-	-
10206	No abnormality		-	-	-	-	-	-	-	-	-	-	-
10207	No abnormality		-	-	-	-	-	-	-	-	-	-	-
10208	No abnormality		-	-	-	-	-	-	-	-	-	-	-
10209	No abnormality		-	-	-	-	-	-	-	-	-	-	-
10210	No abnormality		-	-	-	-	-	-	-	-	-	-	-
10211	No abnormality		-	-	-	-	-	-	-	-	-	-	-
10212	No abnormality		-	-	-	-	-	-	-	-	-	-	-

1 : Before dosing, 2 : After dosing, 3 : Necropsy day

Clinical sign
Sex : Male

Period : Administration Day 1-14
Dose : DPDME 200 mg/kg

Species : Rat

Animal No.	Clinical signs	Day	1		2		3		4		5		6		7		8		9	
		Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
10301	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10302	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10303	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10304	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10305	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10306	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10307	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10308	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10309	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10310	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10311	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10312	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Animal No.	Clinical signs	Day	10		11		12		13		14	
		Time	1	2	1	2	1	2	1	2	1	2
10301	No abnormality		-	-	-	-	-	-	-	-	-	-
10302	No abnormality		-	-	-	-	-	-	-	-	-	-
10303	No abnormality		-	-	-	-	-	-	-	-	-	-
10304	No abnormality		-	-	-	-	-	-	-	-	-	-
10305	No abnormality		-	-	-	-	-	-	-	-	-	-
10306	No abnormality		-	-	-	-	-	-	-	-	-	-
10307	No abnormality		-	-	-	-	-	-	-	-	-	-
10308	No abnormality		-	-	-	-	-	-	-	-	-	-
10309	No abnormality		-	-	-	-	-	-	-	-	-	-
10310	No abnormality		-	-	-	-	-	-	-	-	-	-
10311	No abnormality		-	-	-	-	-	-	-	-	-	-
10312	No abnormality		-	-	-	-	-	-	-	-	-	-

1 : Before dosing, 2 : After dosing

Clinical sign
Sex : Male

Period : Administration Day 15-29
Dose : DPDME 200 mg/kg

Species : Rat

Animal No.	Clinical signs	Day	15		16		17		18		19		20		21		22		23	
		Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
10301	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10302	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10303	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10304	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10305	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10306	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10307	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10308	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10309	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10310	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10311	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10312	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Animal No.	Clinical signs	Day	24		25		26		27		28		29
		Time	1	2	1	2	1	2	1	2	1	2	3
10301	No abnormality		-	-	-	-	-	-	-	-	-	-	-
10302	No abnormality		-	-	-	-	-	-	-	-	-	-	-
10303	No abnormality		-	-	-	-	-	-	-	-	-	-	-
10304	No abnormality		-	-	-	-	-	-	-	-	-	-	-
10305	No abnormality		-	-	-	-	-	-	-	-	-	-	-
10306	No abnormality		-	-	-	-	-	-	-	-	-	-	-
10307	No abnormality		-	-	-	-	-	-	-	-	-	-	-
10308	No abnormality		-	-	-	-	-	-	-	-	-	-	-
10309	No abnormality		-	-	-	-	-	-	-	-	-	-	-
10310	No abnormality		-	-	-	-	-	-	-	-	-	-	-
10311	No abnormality		-	-	-	-	-	-	-	-	-	-	-
10312	No abnormality		-	-	-	-	-	-	-	-	-	-	-

1 : Before dosing, 2 : After dosing, 3 : Necropsy day

Clinical sign
Sex : Male

Period : Administration Day 1-14
Dose : DPDME 1000 mg/kg

Species : Rat

Animal No.	Clinical signs	Day	1		2		3		4		5		6		7		8		9	
		Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
10401	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10402	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10403	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10404	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10405	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10406	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10407	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10408	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10409	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10410	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10411	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10412	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Animal No.	Clinical signs	Day	10		11		12		13		14	
		Time	1	2	1	2	1	2	1	2	1	2
10401	No abnormality		-	-	-	-	-	-	-	-	-	-
10402	No abnormality		-	-	-	-	-	-	-	-	-	-
10403	No abnormality		-	-	-	-	-	-	-	-	-	-
10404	No abnormality		-	-	-	-	-	-	-	-	-	-
10405	No abnormality		-	-	-	-	-	-	-	-	-	-
10406	No abnormality		-	-	-	-	-	-	-	-	-	-
10407	No abnormality		-	-	-	-	-	-	-	-	-	-
10408	No abnormality		-	-	-	-	-	-	-	-	-	-
10409	No abnormality		-	-	-	-	-	-	-	-	-	-
10410	No abnormality		-	-	-	-	-	-	-	-	-	-
10411	No abnormality		-	-	-	-	-	-	-	-	-	-
10412	No abnormality		-	-	-	-	-	-	-	-	-	-

1 : Before dosing, 2 : After dosing

Clinical sign
Sex : Male

Period : Administration Day 15-29
Dose : DPDME 1000 mg/kg

Species : Rat

Animal No.	Clinical signs	Day	15		16		17		18		19		20		21		22		23	
		Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
10401	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10402	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10403	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10404	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10405	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10406	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10407	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10408	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10409	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10410	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10411	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10412	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Animal No.	Clinical signs	Day	24		25		26		27		28		29
		Time	1	2	1	2	1	2	1	2	1	2	3
10401	No abnormality		-	-	-	-	-	-	-	-	-	-	-
10402	No abnormality		-	-	-	-	-	-	-	-	-	-	
10403	No abnormality		-	-	-	-	-	-	-	-	-	-	
10404	No abnormality		-	-	-	-	-	-	-	-	-	-	
10405	No abnormality		-	-	-	-	-	-	-	-	-	-	
10406	No abnormality		-	-	-	-	-	-	-	-	-	-	
10407	No abnormality		-	-	-	-	-	-	-	-	-	-	-
10408	No abnormality		-	-	-	-	-	-	-	-	-	-	-
10409	No abnormality		-	-	-	-	-	-	-	-	-	-	-
10410	No abnormality		-	-	-	-	-	-	-	-	-	-	-
10411	No abnormality		-	-	-	-	-	-	-	-	-	-	-
10412	No abnormality		-	-	-	-	-	-	-	-	-	-	-

1 : Before dosing, 2 : After dosing, 3 : Necropsy day

Clinical sign
Sex : Female

Period : Administration Day 1-27
Dose : DPDME 0 mg/kg

Species : Rat

Animal No.	Clinical signs	Day	1		2		3		4		5		6		7		8		9	
		Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
50151	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50152	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50153	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50154	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50155	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50156	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50157	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50158	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50159	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50160	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50161	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50162	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Animal No.	Clinical signs	Day	10		11		12		13		14		15		16		17		18	
		Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
50151	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50152	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-				
50153	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-				
50154	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-						
50155	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-						
50156	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-				
50157	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
50158	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-						
50159	No abnormality		-	-	-	-	-	-	-	-	-	-								
50160	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-						
50161	No abnormality		-	-	-	-	-	-	-	-	-	-								
50162	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-				

Animal No.	Clinical signs	Day	19		20		21		22		23		24		25		26		27	
		Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
50151	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50152	No abnormality																			
50153	No abnormality																			
50154	No abnormality																			
50155	No abnormality																			
50156	No abnormality																			
50157	No abnormality																			
50158	No abnormality																			
50159	No abnormality																			
50160	No abnormality																			
50161	No abnormality																			
50162	No abnormality																			

1 : Before dosing, 2 : After dosing

Clinical sign
Sex : Female

Period : Gestation Day 0-26
Dose : DPDME 0 mg/kg

Species : Rat

Animal No.	Clinical signs	Day 0		1		2		3		4		5		6		7		8	
		Time 1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
50151	No abnormality	- $	- $	- $	- $	- $	- $	- $	- $	- $	- $	- $	- $	- $	- $	- $	- $	- $	- $
50152	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50153	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50154	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50155	Subcutaneous mass (left axilla)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	+
50156	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50157	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50158	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50159	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50160	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50161	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50162	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Animal No.	Clinical signs	Day 9		10		11		12		13		14		15		16		17	
		Time 1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
50151	No abnormality	- $	- $	- $	- $	- $	- $	- $	- $	MD	- $	- $	- $	- $	- $	- $	- $	- $	- $
50152	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50153	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50154	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50155	Subcutaneous mass (left axilla)	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
50156	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50157	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50158	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50159	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50160	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50161	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50162	No abnormality	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Animal No.	Clinical signs	Day 18		19		20		21		22		23		24		25		26	
		Time 1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	3	
50151	No abnormality	- $	- $	- $	- $	- $	- $	- $	- $	- $	- $	- $	- $	- $	- $	- $	- $	- $	
50152	No abnormality	-	-	-	-	-	-	-	-										
50153	No abnormality	-	-	-	-	-	-	-	-										
50154	No abnormality	-	-	-	-	-	-	-	-										
50155	Subcutaneous mass (left axilla)	+	+	+	+	+	+	+	+										
50156	No abnormality	-	-	-	-	-	-	-	-										
50157	No abnormality	-	-	-	-	-	-	-	-	-	-								
50158	No abnormality	-	-	-	-	-	-	-	-	-	-								
50159	No abnormality	-	-	-	-	-	-	-	-										
50160	No abnormality	-	-	-	-	-	-	-	-	-	-								
50161	No abnormality	-	-	-	-	-	-	-	-										
50162	No abnormality	-	-	-	-	-	-	-	-										

1 : Before dosing, 2 : After dosing, 3 : Necropsy day
$: Excepted data from calculation (non-pregnancy)
MD : Missing data due to accidentally not acquiring online data

Clinical sign
Sex : Female

Period : Lactation Day 0-14
Dose : DPDME 0 mg/kg

Species : Rat

Animal No.	Clinical signs	Day	0		1		2		3		4		5		6		7		8	
		Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
50152	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50153	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50154	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50155	Subcutaneous mass (left axilla)		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
50156	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50157	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50158	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50159	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50160	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50161	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50162	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Animal No.	Clinical signs	Day	9		10		11		12		13		14
		Time	1	2	1	2	1	2	1	2	1	2	3
50152	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50153	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50154	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50155	Subcutaneous mass (left axilla)		+	+	+	+	+	+	+	+	-	-	-
50156	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50157	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50158	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50159	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50160	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50161	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50162	No abnormality		-	-	-	-	-	-	-	-	-	-	-

1 : Before dosing, 2 : After dosing, 3 : Necropsy day

Clinical sign
Sex : Female

Period : Administration Day 1-19
Dose : DPDME 40 mg/kg

Species : Rat

Animal No.	Clinical signs	Day	1		2		3		4		5		6		7		8		9	
		Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
50251	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50252	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50253	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50254	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50255	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50256	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50257	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50258	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50259	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50260	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50261	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50262	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Animal No.	Clinical signs	Day	10		11		12		13		14		15		16		17		18	
		Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
50251	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-				
50252	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-				
50253	No abnormality		-	-	-	-	-	-	-	-	-	-								
50254	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-				
50255	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
50256	No abnormality		-	-	-	-	-	-	-	-	-	-								
50257	No abnormality		-	-	-	-	-	-	-	-	-	-								
50258	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-						
50259	No abnormality		-	-	-	-	-	-	-	-	-	-								
50260	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50261	No abnormality		-	-	-	-	-	-	-	-	-	-								
50262	No abnormality		-	-	-	-	-	-	-	-	-	-								

Animal No.	Clinical signs	Day	19	
		Time	1	2
50251	No abnormality			
50252	No abnormality			
50253	No abnormality			
50254	No abnormality			
50255	No abnormality			
50256	No abnormality			
50257	No abnormality			
50258	No abnormality			
50259	No abnormality			
50260	No abnormality		-	-
50261	No abnormality			
50262	No abnormality			

1 : Before dosing, 2 : After dosing

Clinical sign
Sex : Female

Period : Gestation Day 0-22
Dose : DPDME 40 mg/kg

Species : Rat

Animal No.	Clinical signs	Day	0		1		2		3		4		5		6		7		8	
		Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
50251	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50252	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50253	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50254	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50255	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50256	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50257	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50258	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50259	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50260	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50261	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50262	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Animal No.	Clinical signs	Day	9		10		11		12		13		14		15		16		17	
		Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
50251	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50252	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50253	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50254	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50255	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50256	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50257	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50258	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50259	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50260	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50261	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50262	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Animal No.	Clinical signs	Day	18		19		20		21		22	
		Time	1	2	1	2	1	2	1	2	1	2
50251	No abnormality		-	-	-	-	-	-	-	-		
50252	No abnormality		-	-	-	-	-	-	-	-		
50253	No abnormality		-	-	-	-	-	-	-	-	-	
50254	No abnormality		-	-	-	-	-	-	-	-		
50255	No abnormality		-	-	-	-	-	-	-	-		
50256	No abnormality		-	-	-	-	-	-	-	-	-	-
50257	No abnormality		-	-	-	-	-	-	-	-	-	-
50258	No abnormality		-	-	-	-	-	-	-	-		
50259	No abnormality		-	-	-	-	-	-	-	-		
50260	No abnormality		-	-	-	-	-	-	-	-	-	-
50261	No abnormality		-	-	-	-	-	-	-	-		
50262	No abnormality		-	-	-	-	-	-	-	-	-	-

1 : Before dosing, 2 : After dosing

Clinical sign
Sex : Female

Period : Lactation Day 0-14
Dose : DPDME 40 mg/kg

Species : Rat

Animal No.	Clinical signs	Day	0		1		2		3		4		5		6		7		8	
		Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
50251	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50252	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50253	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50254	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50255	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50256	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50257	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50258	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50259	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50260	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50261	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50262	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Animal No.	Clinical signs	Day	9		10		11		12		13		14
		Time	1	2	1	2	1	2	1	2	1	2	3
50251	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50252	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50253	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50254	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50255	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50256	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50257	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50258	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50259	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50260	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50261	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50262	No abnormality		-	-	-	-	-	-	-	-	-	-	-

1 : Before dosing, 2 : After dosing, 3 : Necropsy day

Clinical sign
Sex : Female

Period : Administration Day 1-16
Dose : DPDME 200 mg/kg

Species : Rat

Animal No.	Clinical signs	Day	1		2		3		4		5		6		7		8		9	
		Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
50351	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50352	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50353	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50354	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50355	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50356	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50357	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50358	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50359	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50360	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50361	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50362	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Animal No.	Clinical signs	Day	10		11		12		13		14		15		16	
		Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2
50351	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-		
50352	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-
50353	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-		
50354	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-		
50355	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-
50356	No abnormality		-	-	-	-	-	-	-	-	-	-				
50357	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-
50358	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-		
50359	No abnormality		-	-	-	-	-	-	-	-	-	-				
50360	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-		
50361	No abnormality		-	-	-	-	-	-	-	-	-	-				
50362	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-

1 : Before dosing, 2 : After dosing

Clinical sign
Sex : Female

Period : Gestation Day 0-22
Dose : DPDME 200 mg/kg

Species : Rat

Animal No.	Clinical signs	Day	0		1		2		3		4		5		6		7		8	
		Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
50351	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50352	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50353	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50354	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50355	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50356	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50357	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50358	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50359	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50360	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50361	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50362	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Animal No.	Clinical signs	Day	9		10		11		12		13		14		15		16		17	
		Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
50351	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50352	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50353	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50354	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50355	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50356	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50357	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50358	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50359	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50360	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50361	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50362	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Animal No.	Clinical signs	Day	18		19		20		21		22	
		Time	1	2	1	2	1	2	1	2	1	2
50351	No abnormality		-	-	-	-	-	-	-	-	-	-
50352	No abnormality		-	-	-	-	-	-	-	-	-	-
50353	No abnormality		-	-	-	-	-	-	-	-		
50354	No abnormality		-	-	-	-	-	-	-	-		
50355	No abnormality		-	-	-	-	-	-	-	-	-	-
50356	No abnormality		-	-	-	-	-	-	-	-	-	-
50357	No abnormality		-	-	-	-	-	-	-	-		
50358	No abnormality		-	-	-	-	-	-	-	-		
50359	No abnormality		-	-	-	-	-	-	-	-		
50360	No abnormality		-	-	-	-	-	-	-	-	-	-
50361	No abnormality		-	-	-	-	-	-	-	-		
50362	No abnormality		-	-	-	-	-	-	-	-	-	-

1 : Before dosing, 2 : After dosing

Clinical sign
Sex : Female

Period : Lactation Day 0-14
Dose : DPDME 200 mg/kg

Species : Rat

Animal No.	Clinical signs	Day	0		1		2		3		4		5		6		7		8	
		Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
50351	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50352	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50353	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50354	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50355	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50356	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50357	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50358	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50359	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50360	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50361	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50362	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Animal No.	Clinical signs	Day	9		10		11		12		13		14
		Time	1	2	1	2	1	2	1	2	1	2	3
50351	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50352	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50353	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50354	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50355	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50356	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50357	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50358	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50359	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50360	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50361	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50362	No abnormality		-	-	-	-	-	-	-	-	-	-	-

1 : Before dosing, 2 : After dosing, 3 : Necropsy day

Clinical sign
Sex : Female

Period : Administration Day 1-25
Dose : DPDME 1000 mg/kg

Species : Rat

Animal No.	Clinical signs	Day	1		2		3		4		5		6		7		8		9	
		Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
50451	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50452	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50453	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50454	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50455	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50456	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50457	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50458	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50459	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50460	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50461	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50462	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Animal No.	Clinical signs	Day	10		11		12		13		14		15		16		17		18	
		Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
50451	No abnormality		-	-	-	-	-	-	-	-	-	-								
50452	No abnormality		-	-	-	-	-	-	-	-	-	-								
50453	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
50454	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
50455	No abnormality		-	-	-	-	-	-	-	-	-	-								
50456	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-						
50457	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50458	No abnormality		-	-	-	-	-	-	-	-	-	-								
50459	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-						
50460	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
50461	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
50462	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-				

Animal No.	Clinical signs	Day	19		20		21		22		23		24		25	
		Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2
50451	No abnormality															
50452	No abnormality															
50453	No abnormality															
50454	No abnormality															
50455	No abnormality															
50456	No abnormality															
50457	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-
50458	No abnormality															
50459	No abnormality															
50460	No abnormality															
50461	No abnormality															
50462	No abnormality															

1 : Before dosing, 2 : After dosing

Clinical sign
Sex : Female

Period : Gestation Day 0-22
Dose : DPDME 1000 mg/kg

Species : Rat

Animal No.	Clinical signs	Day	0		1		2		3		4		5		6		7		8	
		Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
50451	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50452	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50453	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50454	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50455	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50456	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50457	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50458	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50459	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50460	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50461	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50462	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Animal No.	Clinical signs	Day	9		10		11		12		13		14		15		16		17	
		Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
50451	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50452	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50453	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50454	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50455	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50456	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50457	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50458	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50459	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50460	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50461	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50462	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Animal No.	Clinical signs	Day	18		19		20		21		22	
		Time	1	2	1	2	1	2	1	2	1	2
50451	No abnormality		-	-	-	-	-	-	-	-		
50452	No abnormality		-	-	-	-	-	-	-	-		
50453	No abnormality		-	-	-	-	-	-	-	-		
50454	No abnormality		-	-	-	-	-	-	-	-		
50455	No abnormality		-	-	-	-	-	-	-	-		
50456	No abnormality		-	-	-	-	-	-	-	-		
50457	No abnormality		-	-	-	-	-	-	-	-		
50458	No abnormality		-	-	-	-	-	-	-	-		
50459	No abnormality		-	-	-	-	-	-	-	-		
50460	No abnormality		-	-	-	-	-	-	-	-		
50461	No abnormality		-	-	-	-	-	-	-	-	-	-
50462	No abnormality		-	-	-	-	-	-	-	-	-	-

1 : Before dosing, 2 : After dosing

Clinical sign
Sex : Female

Period : Lactation Day 0-14
Dose : DPDME 1000 mg/kg

Species : Rat

Animal No.	Clinical signs	Day	0		1		2		3		4		5		6		7		8	
		Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
50451	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50452	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50453	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50454	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50455	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50456	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50457	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50458	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50459	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50460	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50461	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50462	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Animal No.	Clinical signs	Day	9		10		11		12		13		14
		Time	1	2	1	2	1	2	1	2	1	2	3
50451	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50452	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50453	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50454	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50455	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50456	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50457	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50458	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50459	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50460	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50461	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50462	No abnormality		-	-	-	-	-	-	-	-	-	-	-

1 : Before dosing, 2 : After dosing, 3 : Necropsy day

Clinical sign
Sex : Female (satellite)

Period : Administration Day 1-29
Dose : DPDME 0 mg/kg

Species : Rat

Animal No.	Clinical signs	Day	1		2		3		4		5		6		7		8		9	
		Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
50551	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50552	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50553	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50554	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50555	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50556	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50557	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50558	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50559	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50560	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Animal No.	Clinical signs	Day	10		11		12		13		14		15		16		17		18	
		Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
50551	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50552	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50553	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50554	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50555	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50556	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50557	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50558	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50559	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50560	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Animal No.	Clinical signs	Day	19		20		21		22		23		24		25		26		27	
		Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
50551	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50552	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50553	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50554	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50555	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50556	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50557	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50558	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50559	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50560	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

1 : Before dosing, 2 : After dosing

Clinical sign
Sex : Female (satellite)

Period : Administration Day 1-29
Dose : DPDME 0 mg/kg

Species : Rat

Animal No.	Clinical signs	Day 28 Time 1	2	29 3
50551	No abnormality	-	-	-
50552	No abnormality	-	-	-
50553	No abnormality	-	-	-
50554	No abnormality	-	-	-
50555	No abnormality	-	-	-
50556	No abnormality	-	-	
50557	No abnormality	-	-	
50558	No abnormality	-	-	
50559	No abnormality	-	-	
50560	No abnormality	-	-	

1 : Before dosing, 2 : After dosing, 3 : Necropsy day

Clinical sign
Sex : Female (satellite)

Period : Administration Day 1-29
Dose : DPDME 1000 mg/kg

Species : Rat

Animal No.	Clinical signs	Day	1		2		3		4		5		6		7		8		9	
		Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
50651	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50652	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50653	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50654	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50655	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50656	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50657	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50658	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50659	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50660	Tachypnea		-	-	-	-	-	+	+	+	+	+	+	+	+	+	-	-	-	-

Animal No.	Clinical signs	Day	10		11		12		13		14		15		16		17		18	
		Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
50651	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50652	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50653	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50654	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50655	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50656	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50657	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50658	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50659	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50660	Tachypnea		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Animal No.	Clinical signs	Day	19		20		21		22		23		24		25		26		27	
		Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
50651	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50652	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50653	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50654	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50655	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50656	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50657	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50658	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50659	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50660	Tachypnea		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

1 : Before dosing, 2 : After dosing

Clinical sign
Sex : Female (satellite)

Period : Administration Day 1-29
Dose : DPDME 1000 mg/kg

Species : Rat

Animal No.	Clinical signs	Day 28 Time 1	2	29 3
50651	No abnormality	-	-	-
50652	No abnormality	-	-	-
50653	No abnormality	-	-	-
50654	No abnormality	-	-	-
50655	No abnormality	-	-	-
50656	No abnormality	-	-	
50657	No abnormality	-	-	
50658	No abnormality	-	-	
50659	No abnormality	-	-	
50660	Tachypnea	-	-	

1 : Before dosing, 2 : After dosing, 3 : Necropsy day

Clinical sign
Sex : Male

Period : Recovery Day 1-15
Dose : DPDME 0 mg/kg

Species : Rat

Animal No.	Clinical signs	Day	1		2		3		4		5		6		7		8		9	
		Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
10102	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10103	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10107	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10111	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10112	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Animal No.	Clinical signs	Day	10		11		12		13		14		15
		Time	1	2	1	2	1	2	1	2	1	2	3
10102	No abnormality		-	-	-	-	-	-	-	-	-	-	-
10103	No abnormality		-	-	-	-	-	-	-	-	-	-	-
10107	No abnormality		-	-	-	-	-	-	-	-	-	-	-
10111	No abnormality		-	-	-	-	-	-	-	-	-	-	-
10112	No abnormality		-	-	-	-	-	-	-	-	-	-	-

1 : AM, 2 : PM, 3 : Necropsy day

Clinical sign
Sex : Male

Period : Recovery Day 1-15
Dose : DPDME 1000 mg/kg

Species : Rat

Animal No.	Clinical signs	Day	1		2		3		4		5		6		7		8		9	
		Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
10402	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10403	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10404	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10405	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10406	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Animal No.	Clinical signs	Day	10		11		12		13		14		15
		Time	1	2	1	2	1	2	1	2	1	2	3
10402	No abnormality		-	-	-	-	-	-	-	-	-	-	-
10403	No abnormality		-	-	-	-	-	-	-	-	-	-	-
10404	No abnormality		-	-	-	-	-	-	-	-	-	-	-
10405	No abnormality		-	-	-	-	-	-	-	-	-	-	-
10406	No abnormality		-	-	-	-	-	-	-	-	-	-	-

1 : AM, 2 : PM, 3 : Necropsy day

Clinical sign
Sex : Female (satellite)

Period : Recovery Day 1-15
Dose : DPDME 0 mg/kg

Species : Rat

Animal No.	Clinical signs	Day	1		2		3		4		5		6		7		8		9	
		Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
50556	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50557	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50558	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50559	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50560	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Animal No.	Clinical signs	Day	10		11		12		13		14		15
		Time	1	2	1	2	1	2	1	2	1	2	3
50556	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50557	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50558	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50559	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50560	No abnormality		-	-	-	-	-	-	-	-	-	-	-

1 : AM, 2 : PM, 3 : Necropsy day

Clinical sign
Sex : Female (satellite)

Period : Recovery Day 1-15
Dose : DPDME 1000 mg/kg

Species : Rat

Animal No.	Clinical signs	Day	1		2		3		4		5		6		7		8		9	
		Time	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
50656	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50657	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50658	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50659	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50660	No abnormality		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Animal No.	Clinical signs	Day	10		11		12		13		14		15
		Time	1	2	1	2	1	2	1	2	1	2	3
50656	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50657	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50658	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50659	No abnormality		-	-	-	-	-	-	-	-	-	-	-
50660	No abnormality		-	-	-	-	-	-	-	-	-	-	-

1 : AM, 2 : PM, 3 : Necropsy day

Detailed clinical observation (in the cage) Stage : Pre
Sex : Male Dose : DPDME 0 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
10101	1	1	1	0	0	1
10102	1	1	1	0	0	1
10103	1	1	1	0	0	1
10104	1	1	1	0	0	1
10105	1	1	1	0	0	1
10106	1	1	1	0	0	1
10107	1	1	1	0	0	1
10108	1	1	1	0	0	1
10109	1	1	1	0	0	1
10110	1	1	1	0	0	1
10111	1	1	1	0	0	1
10112	1	1	1	0	0	1
n	12	12	12	12	12	12

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Pre
Sex : Male Dose : DPDME 40 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
10201	1	1	1	0	0	1
10202	1	1	1	0	0	1
10203	1	1	1	0	0	1
10204	1	1	1	0	0	1
10205	1	1	1	0	0	1
10206	1	1	1	0	0	1
10207	1	1	1	0	0	1
10208	1	1	1	0	0	1
10209	1	1	1	0	0	1
10210	1	1	1	0	0	1
10211	1	1	1	0	0	1
10212	1	1	1	0	0	1
n	12	12	12	12	12	12

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Pre
Sex : Male Dose : DPDME 200 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
10301	1	1	1	0	0	1
10302	1	1	1	0	0	1
10303	1	1	1	0	0	1
10304	1	1	1	0	0	1
10305	1	1	1	0	0	1
10306	1	1	1	0	0	1
10307	1	1	1	0	0	1
10308	1	1	1	0	0	1
10309	1	1	1	0	0	1
10310	1	1	1	0	0	1
10311	1	1	1	0	0	1
10312	1	1	1	0	0	1
n	12	12	12	12	12	12

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Pre
Sex : Male Dose : DPDME 1000 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
10401	1	1	1	0	0	1
10402	1	1	1	0	0	1
10403	1	1	1	0	0	1
10404	1	1	1	0	0	1
10405	1	1	1	0	0	1
10406	1	1	1	0	0	1
10407	1	1	1	0	0	1
10408	1	1	1	0	0	1
10409	1	1	1	0	0	1
10410	1	1	1	0	0	1
10411	1	1	1	0	0	1
10412	1	1	1	0	0	1
n	12	12	12	12	12	12

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Day 7
Sex : Male Dose : DPDME 0 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
10101	1	1	1	0	0	1
10102	1	1	1	0	0	1
10103	1	1	1	0	0	1
10104	1	1	1	0	0	1
10105	1	1	1	0	0	1
10106	1	1	1	0	0	1
10107	1	1	1	0	0	1
10108	1	1	1	0	0	1
10109	1	1	1	0	0	1
10110	1	1	1	0	0	1
10111	1	1	1	0	0	1
10112	1	1	1	0	0	1
n	12	12	12	12	12	12

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Day 7
Sex : Male Dose : DPDME 40 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
10201	1	1	1	0	0	1
10202	1	1	1	0	0	1
10203	1	1	1	0	0	1
10204	1	1	1	0	0	1
10205	1	1	1	0	0	1
10206	1	1	1	0	0	1
10207	1	1	1	0	0	1
10208	1	1	1	0	0	1
10209	1	1	1	0	0	1
10210	1	1	1	0	0	1
10211	1	1	1	0	0	1
10212	1	1	1	0	0	1
n	12	12	12	12	12	12

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Day 7
Sex : Male Dose : DPDME 200 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
10301	1	1	1	0	0	1
10302	1	1	1	0	0	1
10303	1	1	1	0	0	1
10304	1	1	1	0	0	1
10305	1	1	1	0	0	1
10306	1	1	1	0	0	1
10307	1	1	1	0	0	1
10308	1	1	1	0	0	1
10309	1	1	1	0	0	1
10310	1	1	1	0	0	1
10311	1	1	1	0	0	1
10312	1	1	1	0	0	1
n	12	12	12	12	12	12

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Day 7
Sex : Male Dose : DPDME 1000 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
10401	1	1	1	0	0	1
10402	1	1	1	0	0	1
10403	1	1	1	0	0	1
10404	1	1	1	0	0	1
10405	1	1	1	0	0	1
10406	1	1	1	0	0	1
10407	1	1	1	0	0	1
10408	1	1	1	0	0	1
10409	1	1	1	0	0	1
10410	1	1	1	0	0	1
10411	1	1	1	0	0	1
10412	1	1	1	0	0	1
n	12	12	12	12	12	12

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Day 14
Sex : Male Dose : DPDME 0 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
10101	1	1	1	0	0	1
10102	1	1	1	0	0	1
10103	1	1	1	0	0	1
10104	1	1	1	0	0	1
10105	1	1	1	0	0	1
10106	1	1	1	0	0	1
10107	1	1	1	0	0	1
10108	1	1	1	0	0	1
10109	1	1	1	0	0	1
10110	1	1	1	0	0	1
10111	1	1	1	0	0	1
10112	1	1	1	0	0	1
n	12	12	12	12	12	12

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Day 14
Sex : Male Dose : DPDME 40 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
10201	1	1	1	0	0	1
10202	1	1	1	0	0	1
10203	1	1	1	0	0	1
10204	1	1	1	0	0	1
10205	1	1	1	0	0	1
10206	1	1	1	0	0	1
10207	1	1	1	0	0	1
10208	1	1	1	0	0	1
10209	1	1	1	0	0	1
10210	1	1	1	0	0	1
10211	1	1	1	0	0	1
10212	1	1	1	0	0	1
n	12	12	12	12	12	12

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Day 14
Sex : Male Dose : DPDME 200 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
10301	1	1	1	0	0	1
10302	1	1	1	0	0	1
10303	1	1	1	0	0	1
10304	1	1	1	0	0	1
10305	1	1	1	0	0	1
10306	1	1	1	0	0	1
10307	1	1	1	0	0	1
10308	1	1	1	0	0	1
10309	1	1	1	0	0	1
10310	1	1	1	0	0	1
10311	1	1	1	0	0	1
10312	1	1	1	0	0	1
n	12	12	12	12	12	12

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Day 14
Sex : Male Dose : DPDME 1000 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
10401	1	1	1	0	0	1
10402	1	1	1	0	0	1
10403	1	1	1	0	0	1
10404	1	1	1	0	0	1
10405	1	1	1	0	0	1
10406	1	1	1	0	0	1
10407	1	1	1	0	0	1
10408	1	1	1	0	0	1
10409	1	1	1	0	0	1
10410	1	1	1	0	0	1
10411	1	1	1	0	0	1
10412	1	1	1	0	0	1
n	12	12	12	12	12	12

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Day 21
Sex : Male Dose : DPDME 0 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
10101	1	1	1	0	0	1
10102	1	1	1	0	0	1
10103	1	1	1	0	0	1
10104	1	1	1	0	0	1
10105	1	1	1	0	0	1
10106	1	1	1	0	0	1
10107	1	1	1	0	0	1
10108	1	1	1	0	0	1
10109	1	1	1	0	0	1
10110	1	1	1	0	0	1
10111	1	1	1	0	0	1
10112	1	1	1	0	0	1
n	12	12	12	12	12	12

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Day 21
Sex : Male Dose : DPDME 40 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
10201	1	1	1	0	0	1
10202	1	1	1	0	0	1
10203	1	1	1	0	0	1
10204	1	1	1	0	0	1
10205	1	1	1	0	0	1
10206	1	1	1	0	0	1
10207	1	1	1	0	0	1
10208	1	1	1	0	0	1
10209	1	1	1	0	0	1
10210	1	1	1	0	0	1
10211	1	1	1	0	0	1
10212	1	1	1	0	0	1
n	12	12	12	12	12	12

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Day 21
Sex : Male Dose : DPDME 200 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
10301	1	1	1	0	0	1
10302	1	1	1	0	0	1
10303	1	1	1	0	0	1
10304	1	1	1	0	0	1
10305	1	1	1	0	0	1
10306	1	1	1	0	0	1
10307	1	1	1	0	0	1
10308	1	1	1	0	0	1
10309	1	1	1	0	0	1
10310	1	1	1	0	0	1
10311	1	1	1	0	0	1
10312	1	1	1	0	0	1
n	12	12	12	12	12	12

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Day 21
Sex : Male Dose : DPDME 1000 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
10401	1	1	1	0	0	1
10402	1	1	1	0	0	1
10403	1	1	1	0	0	1
10404	1	1	1	0	0	1
10405	1	1	1	0	0	1
10406	1	1	1	0	0	1
10407	1	1	1	0	0	1
10408	1	1	1	0	0	1
10409	1	1	1	0	0	1
10410	1	1	1	0	0	1
10411	1	1	1	0	0	1
10412	1	1	1	0	0	1
n	12	12	12	12	12	12

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Day 28
Sex : Male Dose : DPDME 0 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
10101	1	1	1	0	0	1
10102	1	1	1	0	0	1
10103	1	1	1	0	0	1
10104	1	1	1	0	0	1
10105	1	1	1	0	0	1
10106	1	1	1	0	0	1
10107	1	1	1	0	0	1
10108	1	1	1	0	0	1
10109	1	1	1	0	0	1
10110	1	1	1	0	0	1
10111	1	1	1	0	0	1
10112	1	1	1	0	0	1
n	12	12	12	12	12	12

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Day 28
Sex : Male Dose : DPDME 40 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
10201	1	1	1	0	0	1
10202	1	1	1	0	0	1
10203	1	1	1	0	0	1
10204	1	1	1	0	0	1
10205	1	1	1	0	0	1
10206	1	1	1	0	0	1
10207	1	1	1	0	0	1
10208	1	1	1	0	0	1
10209	1	1	1	0	0	1
10210	1	1	1	0	0	1
10211	1	1	1	0	0	1
10212	1	1	1	0	0	1
n	12	12	12	12	12	12

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Day 28
Sex : Male Dose : DPDME 200 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
10301	1	1	1	0	0	1
10302	1	1	1	0	0	1
10303	1	1	1	0	0	1
10304	1	1	1	0	0	1
10305	1	1	1	0	0	1
10306	1	1	1	0	0	1
10307	1	1	1	0	0	1
10308	1	1	1	0	0	1
10309	1	1	1	0	0	1
10310	1	1	1	0	0	1
10311	1	1	1	0	0	1
10312	1	1	1	0	0	1
n	12	12	12	12	12	12

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Day 28
Sex : Male Dose : DPDME 1000 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
10401	1	1	1	0	0	1
10402	1	1	1	0	0	1
10403	1	1	1	0	0	1
10404	1	1	1	0	0	1
10405	1	1	1	0	0	1
10406	1	1	1	0	0	1
10407	1	1	1	0	0	1
10408	1	1	1	0	0	1
10409	1	1	1	0	0	1
10410	1	1	1	0	0	1
10411	1	1	1	0	0	1
10412	1	1	1	0	0	1
n	12	12	12	12	12	12

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Pre
Sex : Female Dose : DPDME 0 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
50151	1	1	1	0	0	1
50152	1	1	1	0	0	1
50153	1	1	1	0	0	1
50154	1	1	1	0	0	1
50155	1	1	1	0	0	1
50156	1	1	1	0	0	1
50157	1	1	1	0	0	1
50158	1	1	1	0	0	1
50159	1	1	1	0	0	1
50160	1	1	1	0	0	1
50161	1	1	1	0	0	1
50162	1	1	1	0	0	1
n	12	12	12	12	12	12

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Pre
Sex : Female Dose : DPDME 40 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
50251	1	1	1	0	0	1
50252	1	1	1	0	0	1
50253	1	1	1	0	0	1
50254	1	1	1	0	0	1
50255	1	1	1	0	0	1
50256	1	1	1	0	0	1
50257	1	1	1	0	0	1
50258	1	1	1	0	0	1
50259	1	1	1	0	0	1
50260	1	1	1	0	0	1
50261	1	1	1	0	0	1
50262	1	1	1	0	0	1
n	12	12	12	12	12	12

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Pre
Sex : Female Dose : DPDME 200 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
50351	1	1	1	0	0	1
50352	1	1	1	0	0	1
50353	1	1	1	0	0	1
50354	1	1	1	0	0	1
50355	1	1	1	0	0	1
50356	1	1	1	0	0	1
50357	1	1	1	0	0	1
50358	1	1	1	0	0	1
50359	1	1	1	0	0	1
50360	1	1	1	0	0	1
50361	1	1	1	0	0	1
50362	1	1	1	0	0	1
n	12	12	12	12	12	12

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Pre
Sex : Female Dose : DPDME 1000 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
50451	1	1	1	0	0	1
50452	1	1	1	0	0	1
50453	1	1	1	0	0	1
50454	1	1	1	0	0	1
50455	1	1	1	0	0	1
50456	1	1	1	0	0	1
50457	1	1	1	0	0	1
50458	1	1	1	0	0	1
50459	1	1	1	0	0	1
50460	1	1	1	0	0	1
50461	1	1	1	0	0	1
50462	1	1	1	0	0	1
n	12	12	12	12	12	12

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Day 7
Sex : Female Dose : DPDME 0 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
50151	1	1	1	0	0	1
50152	1	1	1	0	0	1
50153	1	1	1	0	0	1
50154	1	1	1	0	0	1
50155	1	1	1	0	0	1
50156	1	1	1	0	0	1
50157	1	1	1	0	0	1
50158	1	1	1	0	0	1
50159	1	1	1	0	0	1
50160	1	1	1	0	0	1
50161	1	1	1	0	0	1
50162	1	1	1	0	0	1
n	12	12	12	12	12	12

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Day 7
Sex : Female Dose : DPDME 40 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
50251	1	1	1	0	0	1
50252	1	1	1	0	0	1
50253	1	1	1	0	0	1
50254	1	1	1	0	0	1
50255	1	1	1	0	0	1
50256	1	1	1	0	0	1
50257	1	1	1	0	0	1
50258	1	1	1	0	0	1
50259	1	1	1	0	0	1
50260	1	1	1	0	0	1
50261	1	1	1	0	0	1
50262	1	1	1	0	0	1
n	12	12	12	12	12	12

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Day 7
Sex : Female Dose : DPDME 200 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
50351	1	1	1	0	0	1
50352	1	1	1	0	0	1
50353	1	1	1	0	0	1
50354	1	1	1	0	0	1
50355	1	1	1	0	0	1
50356	1	1	1	0	0	1
50357	1	1	1	0	0	1
50358	1	1	1	0	0	1
50359	1	1	1	0	0	1
50360	1	1	1	0	0	1
50361	1	1	1	0	0	1
50362	1	1	1	0	0	1
n	12	12	12	12	12	12

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Day 7
Sex : Female Dose : DPDME 1000 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
50451	1	1	1	0	0	1
50452	1	1	1	0	0	1
50453	1	1	1	0	0	1
50454	1	1	1	0	0	1
50455	1	1	1	0	0	1
50456	1	1	1	0	0	1
50457	1	1	1	0	0	1
50458	1	1	1	0	0	1
50459	1	1	1	0	0	1
50460	1	1	1	0	0	1
50461	1	1	1	0	0	1
50462	1	1	1	0	0	1
n	12	12	12	12	12	12

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Day 14
Sex : Female Dose : DPDME 0 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
50151	1	1	1	0	0	1
50152	1	1	1	0	0	1
50153	1	1	1	0	0	1
50154	1	1	1	0	0	1
50155	1	1	1	0	0	1
50156	1	1	1	0	0	1
50157	1	1	1	0	0	1
50158	1	1	1	0	0	1
50159	1	1	1	0	0	1
50160	1	1	1	0	0	1
50161	1	1	1	0	0	1
50162	1	1	1	0	0	1
n	12	12	12	12	12	12

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Day 14
Sex : Female Dose : DPDME 40 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
50251	1	1	1	0	0	1
50252	1	1	1	0	0	1
50253	1	1	1	0	0	1
50254	1	1	1	0	0	1
50255	1	1	1	0	0	1
50256	1	1	1	0	0	1
50257	1	1	1	0	0	1
50258	1	1	1	0	0	1
50259	1	1	1	0	0	1
50260	1	1	1	0	0	1
50261	1	1	1	0	0	1
50262	1	1	1	0	0	1
n	12	12	12	12	12	12

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Day 14
Sex : Female Dose : DPDME 200 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
50351	1	1	1	0	0	1
50352	1	1	1	0	0	1
50353	1	1	1	0	0	1
50354	1	1	1	0	0	1
50355	1	1	1	0	0	1
50356	1	1	1	0	0	1
50357	1	1	1	0	0	1
50358	1	1	1	0	0	1
50359	1	1	1	0	0	1
50360	1	1	1	0	0	1
50361	1	1	1	0	0	1
50362	1	1	1	0	0	1
n	12	12	12	12	12	12

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Day 14
Sex : Female Dose : DPDME 1000 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
50451	1	1	1	0	0	1
50452	1	1	1	0	0	1
50453	1	1	1	0	0	1
50454	1	1	1	0	0	1
50455	1	1	1	0	0	1
50456	1	1	1	0	0	1
50457	1	1	1	0	0	1
50458	1	1	1	0	0	1
50459	1	1	1	0	0	1
50460	1	1	1	0	0	1
50461	1	1	1	0	0	1
50462	1	1	1	0	0	1
n	12	12	12	12	12	12

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Day 21
Sex : Female Dose : DPDME 0 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
50151	1	1	1	0	0	1
50152	1	1	1	0	0	1
50153	1	1	1	0	0	1
50154	1	1	1	0	0	1
50155	1	1	1	0	0	1
50156	1	1	1	0	0	1
50157	1	1	1	0	0	1
50158	1	1	1	0	0	1
50159	1	1	1	0	0	1
50160	1	1	1	0	0	1
50161	1	1	1	0	0	1
50162	1	1	1	0	0	1
n	12	12	12	12	12	12

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Day 21
Sex : Female Dose : DPDME 40 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
50251	1	1	1	0	0	1
50252	1	1	1	0	0	1
50253	1	1	1	0	0	1
50254	1	1	1	0	0	1
50255	1	1	1	0	0	1
50256	1	1	1	0	0	1
50257	1	1	1	0	0	1
50258	1	1	1	0	0	1
50259	1	1	1	0	0	1
50260	1	1	1	0	0	1
50261	1	1	1	0	0	1
50262	1	1	1	0	0	1
n	12	12	12	12	12	12

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Day 21
Sex : Female Dose : DPDME 200 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
50351	1	1	1	0	0	1
50352	1	1	1	0	0	1
50353	1	1	1	0	0	1
50354	1	1	1	0	0	1
50355	1	1	1	0	0	1
50356	1	1	1	0	0	1
50357	1	1	1	0	0	1
50358	1	1	1	0	0	1
50359	1	1	1	0	0	1
50360	1	1	1	0	0	1
50361	1	1	1	0	0	1
50362	1	1	1	0	0	1
n	12	12	12	12	12	12

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Day 21
Sex : Female Dose : DPDME 1000 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
50451	1	1	1	0	0	1
50452	1	1	1	0	0	1
50453	1	1	1	0	0	1
50454	1	1	1	0	0	1
50455	1	1	1	0	0	1
50456	1	1	1	0	0	1
50457	1	1	1	0	0	1
50458	1	1	1	0	0	1
50459	1	1	1	0	0	1
50460	1	1	1	0	0	1
50461	1	1	1	0	0	1
50462	1	1	1	0	0	1
n	12	12	12	12	12	12

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Day 28
Sex : Female Dose : DPDME 0 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
50151	1	1	1	0	0	1
50152	1	1	1	0	0	1
50153	1	1	1	0	0	1
50154	1	1	1	0	0	1
50155	1	1	1	0	0	1
50156	1	1	1	0	0	1
50157	1	1	1	0	0	1
50158	1	1	1	0	0	1
50159	1	1	1	0	0	1
50160	1	1	1	0	0	1
50161	1	1	1	0	0	1
50162	1	1	1	0	0	1
n	12	12	12	12	12	12

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Day 28
Sex : Female Dose : DPDME 40 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
50251	1	1	1	0	0	1
50252	1	1	1	0	0	1
50253	1	1	1	0	0	1
50254	1	1	1	0	0	1
50255	1	1	1	0	0	1
50256	1	1	1	0	0	1
50257	1	1	1	0	0	1
50258	1	1	1	0	0	1
50259	1	1	1	0	0	1
50260	1	1	1	0	0	1
50261	1	1	1	0	0	1
50262	1	1	1	0	0	1
n	12	12	12	12	12	12

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Day 28
Sex : Female Dose : DPDME 200 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
50351	1	1	1	0	0	1
50352	1	1	1	0	0	1
50353	1	1	1	0	0	1
50354	1	1	1	0	0	1
50355	1	1	1	0	0	1
50356	1	1	1	0	0	1
50357	1	1	1	0	0	1
50358	1	1	1	0	0	1
50359	1	1	1	0	0	1
50360	1	1	1	0	0	1
50361	1	1	1	0	0	1
50362	1	1	1	0	0	1
n	12	12	12	12	12	12

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Day 28
Sex : Female Dose : DPDME 1000 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
50451	1	1	1	0	0	1
50452	1	1	1	0	0	1
50453	1	1	1	0	0	1
50454	1	1	1	0	0	1
50455	1	1	1	0	0	1
50456	1	1	1	0	0	1
50457	1	1	1	0	0	1
50458	1	1	1	0	0	1
50459	1	1	1	0	0	1
50460	1	1	1	0	0	1
50461	1	1	1	0	0	1
50462	1	1	1	0	0	1
n	12	12	12	12	12	12

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Day 35
Sex : Female Dose : DPDME 0 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
50151	1	1	1	0	0	1
50152	1	1	1	0	0	1
50153	1	1	1	0	0	1
50154	1	1	1	0	0	1
50155	1	1	1	0	0	1
50156	1	1	1	0	0	1
50157	1	1	1	0	0	1
50158	1	1	1	0	0	1
50159	1	1	1	0	0	1
50160	1	1	1	0	0	1
50161	1	1	1	0	0	1
50162	1	1	1	0	0	1
n	12	12	12	12	12	12

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Day 35
Sex : Female Dose : DPDME 40 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
50251	1	1	1	0	0	1
50252	1	1	1	0	0	1
50253	1	1	1	0	0	1
50254	1	1	1	0	0	1
50255	1	1	1	0	0	1
50256	1	1	1	0	0	1
50257	1	1	1	0	0	1
50258	1	1	1	0	0	1
50259	1	1	1	0	0	1
50260	1	1	1	0	0	1
50261	1	1	1	0	0	1
50262	1	1	1	0	0	1
n	12	12	12	12	12	12

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Day 35
Sex : Female Dose : DPDME 200 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
50351	1	1	1	0	0	1
50352	1	1	1	0	0	1
50353	1	1	1	0	0	1
50354	1	1	1	0	0	1
50355	1	1	1	0	0	1
50356	1	1	1	0	0	1
50357	1	1	1	0	0	1
50358	1	1	1	0	0	1
50359	1	1	1	0	0	1
50360	1	1	1	0	0	1
50361	1	1	1	0	0	1
50362	1	1	1	0	0	1
n	12	12	12	12	12	12

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Day 35
Sex : Female Dose : DPDME 1000 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
50451	1	1	1	0	0	1
50452	1	1	1	0	0	1
50453	1	1	1	0	0	1
50454	1	1	1	0	0	1
50455	1	1	1	0	0	1
50456	1	1	1	0	0	1
50457	1	1	1	0	0	1
50458	1	1	1	0	0	1
50459	1	1	1	0	0	1
50460	1	1	1	0	0	1
50461	1	1	1	0	0	1
50462	1	1	1	0	0	1
n	12	12	12	12	12	12

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Day 42
Sex : Female Dose : DPDME 0 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
50151	1	1	1	0	0	1
50152	1	1	1	0	0	1
50153	1	1	1	0	0	1
50154	1	1	1	0	0	1
50155	1	1	1	0	0	1
50156	1	1	1	0	0	1
50157	1	1	1	0	0	1
50158	1	1	1	0	0	1
50159	1	1	1	0	0	1
50160	1	1	1	0	0	1
50161	1	1	1	0	0	1
50162	1	1	1	0	0	1
n	12	12	12	12	12	12

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Day 42
Sex : Female Dose : DPDME 40 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
50251	1	1	1	0	0	1
50252	1	1	1	0	0	1
50253	1	1	1	0	0	1
50254	1	1	1	0	0	1
50255	1	1	1	0	0	1
50256	1	1	1	0	0	1
50257	1	1	1	0	0	1
50258	1	1	1	0	0	1
50259	1	1	1	0	0	1
50260	1	1	1	0	0	1
50261	1	1	1	0	0	1
50262	1	1	1	0	0	1
n	12	12	12	12	12	12

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Day 42
Sex : Female Dose : DPDME 200 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
50351	1	1	1	0	0	1
50352	1	1	1	0	0	1
50353	1	1	1	0	0	1
50354	1	1	1	0	0	1
50355	1	1	1	0	0	1
50356	1	1	1	0	0	1
50357	1	1	1	0	0	1
50358	1	1	1	0	0	1
50359	1	1	1	0	0	1
50360	1	1	1	0	0	1
50361	1	1	1	0	0	1
50362	1	1	1	0	0	1
n	12	12	12	12	12	12

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Day 42
Sex : Female Dose : DPDME 1000 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
50451	1	1	1	0	0	1
50452	1	1	1	0	0	1
50453	1	1	1	0	0	1
50454	1	1	1	0	0	1
50455	1	1	1	0	0	1
50456	1	1	1	0	0	1
50457	1	1	1	0	0	1
50458	1	1	1	0	0	1
50459	1	1	1	0	0	1
50460	1	1	1	0	0	1
50461	1	1	1	0	0	1
50462	1	1	1	0	0	1
n	12	12	12	12	12	12

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Day 49
Sex : Female Dose : DPDME 0 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
50151	1	1	1	0	0	1
50152	1	1	1	0	0	1
50153	1	1	1	0	0	1
50154	1	1	1	0	0	1
50155	1	1	1	0	0	1
50156	1	1	1	0	0	1
50157	1	1	1	0	0	1
50158	1	1	1	0	0	1
50159	1	1	1	0	0	1
50160	1	1	1	0	0	1
50161	1	1	1	0	0	1
50162	1	1	1	0	0	1
n	12	12	12	12	12	12

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Day 49
Sex : Female Dose : DPDME 40 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
50251	1	1	1	0	0	1
50252	1	1	1	0	0	1
50253	1	1	1	0	0	1
50254	1	1	1	0	0	1
50255	1	1	1	0	0	1
50256	1	1	1	0	0	1
50257	1	1	1	0	0	1
50258	1	1	1	0	0	1
50259	1	1	1	0	0	1
50260	1	1	1	0	0	1
50261	1	1	1	0	0	1
50262	1	1	1	0	0	1
n	12	12	12	12	12	12

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Day 49
Sex : Female Dose : DPDME 200 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
50351	1	1	1	0	0	1
50352	1	1	1	0	0	1
50353	1	1	1	0	0	1
50354	1	1	1	0	0	1
50355	1	1	1	0	0	1
50356	1	1	1	0	0	1
50357	1	1	1	0	0	1
50358	1	1	1	0	0	1
50359	1	1	1	0	0	1
50360	1	1	1	0	0	1
50361	1	1	1	0	0	1
50362	1	1	1	0	0	1
n	12	12	12	12	12	12

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Day 49
Sex : Female Dose : DPDME 1000 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
50451	1	1	1	0	0	1
50452	1	1	1	0	0	1
50453	1	1	1	0	0	1
50454	1	1	1	0	0	1
50455	1	1	1	0	0	1
50456	1	1	1	0	0	1
50457	1	1	1	0	0	1
50458	1	1	1	0	0	1
50459	1	1	1	0	0	1
50460	1	1	1	0	0	1
50461	1	1	1	0	0	1
50462	1	1	1	0	0	1
n	12	12	12	12	12	12

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Pre
Sex : Female (satellite) Dose : DPDME 0 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
50551	1	1	1	0	0	1
50552	1	1	1	0	0	1
50553	1	1	1	0	0	1
50554	1	1	1	0	0	1
50555	1	1	1	0	0	1
50556	1	1	1	0	0	1
50557	1	1	1	0	0	1
50558	1	1	1	0	0	1
50559	1	1	1	0	0	1
50560	1	1	1	0	0	1
n	10	10	10	10	10	10

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Pre
Sex : Female (satellite) Dose : DPDME 1000 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
50651	1	1	1	0	0	1
50652	1	1	1	0	0	1
50653	1	1	1	0	0	1
50654	1	1	1	0	0	1
50655	1	1	1	0	0	1
50656	1	1	1	0	0	1
50657	1	1	1	0	0	1
50658	1	1	1	0	0	1
50659	1	1	1	0	0	1
50660	1	1	1	0	0	1
n	10	10	10	10	10	10

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Day 7
Sex : Female (satellite) Dose : DPDME 0 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
50551	1	1	1	0	0	1
50552	1	1	1	0	0	1
50553	1	1	1	0	0	1
50554	1	1	1	0	0	1
50555	1	1	1	0	0	1
50556	1	1	1	0	0	1
50557	1	1	1	0	0	1
50558	1	1	1	0	0	1
50559	1	1	1	0	0	1
50560	1	1	1	0	0	1
n	10	10	10	10	10	10

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Day 7
Sex : Female (satellite) Dose : DPDME 1000 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
50651	1	1	1	0	0	1
50652	1	1	1	0	0	1
50653	1	1	1	0	0	1
50654	1	1	1	0	0	1
50655	1	1	1	0	0	1
50656	1	1	1	0	0	1
50657	1	1	1	0	0	1
50658	1	1	1	0	0	1
50659	1	1	1	0	0	1
50660	1	1	1	0	0	1
n	10	10	10	10	10	10

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Day 14
Sex : Female (satellite) Dose : DPDME 0 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
50551	1	1	1	0	0	1
50552	1	1	1	0	0	1
50553	1	1	1	0	0	1
50554	1	1	1	0	0	1
50555	1	1	1	0	0	1
50556	1	1	1	0	0	1
50557	1	1	1	0	0	1
50558	1	1	1	0	0	1
50559	1	1	1	0	0	1
50560	1	1	1	0	0	1
n	10	10	10	10	10	10

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Day 14
Sex : Female (satellite) Dose : DPDME 1000 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
50651	1	1	1	0	0	1
50652	1	1	1	0	0	1
50653	1	1	1	0	0	1
50654	1	1	1	0	0	1
50655	1	1	1	0	0	1
50656	1	1	1	0	0	1
50657	1	1	1	0	0	1
50658	1	1	1	0	0	1
50659	1	1	1	0	0	1
50660	1	1	1	0	0	1
n	10	10	10	10	10	10

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Day 21
Sex : Female (satellite) Dose : DPDME 0 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
50551	1	1	1	0	0	1
50552	1	1	1	0	0	1
50553	1	1	1	0	0	1
50554	1	1	1	0	0	1
50555	1	1	1	0	0	1
50556	1	1	1	0	0	1
50557	1	1	1	0	0	1
50558	1	1	1	0	0	1
50559	1	1	1	0	0	1
50560	1	1	1	0	0	1
n	10	10	10	10	10	10

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Day 21
Sex : Female (satellite) Dose : DPDME 1000 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
50651	1	1	1	0	0	1
50652	1	1	1	0	0	1
50653	1	1	1	0	0	1
50654	1	1	1	0	0	1
50655	1	1	1	0	0	1
50656	1	1	1	0	0	1
50657	1	1	1	0	0	1
50658	1	1	1	0	0	1
50659	1	1	1	0	0	1
50660	1	1	1	0	0	1
n	10	10	10	10	10	10

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Day 28
Sex : Female (satellite) Dose : DPDME 0 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
50551	1	1	1	0	0	1
50552	1	1	1	0	0	1
50553	1	1	1	0	0	1
50554	1	1	1	0	0	1
50555	1	1	1	0	0	1
50556	1	1	1	0	0	1
50557	1	1	1	0	0	1
50558	1	1	1	0	0	1
50559	1	1	1	0	0	1
50560	1	1	1	0	0	1
n	10	10	10	10	10	10

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Day 28
Sex : Female (satellite) Dose : DPDME 1000 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
50651	1	1	1	0	0	1
50652	1	1	1	0	0	1
50653	1	1	1	0	0	1
50654	1	1	1	0	0	1
50655	1	1	1	0	0	1
50656	1	1	1	0	0	1
50657	1	1	1	0	0	1
50658	1	1	1	0	0	1
50659	1	1	1	0	0	1
50660	1	1	1	0	0	1
n	10	10	10	10	10	10

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Recovery day 7
Sex : Male Dose : DPDME 0 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
10102	1	1	1	0	0	1
10103	1	1	1	0	0	1
10107	1	1	1	0	0	1
10111	1	1	1	0	0	1
10112	1	1	1	0	0	1
n	5	5	5	5	5	5

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Recovery day 7
Sex : Male Dose : DPDME 1000 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
10402	1	1	1	0	0	1
10403	1	1	1	0	0	1
10404	1	1	1	0	0	1
10405	1	1	1	0	0	1
10406	1	1	1	0	0	1
n	5	5	5	5	5	5

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Recovery day 14
Sex : Male Dose : DPDME 0 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
10102	1	1	1	0	0	1
10103	1	1	1	0	0	1
10107	1	1	1	0	0	1
10111	1	1	1	0	0	1
10112	1	1	1	0	0	1
n	5	5	5	5	5	5

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Recovery day 14
Sex : Male Dose : DPDME 1000 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
10402	1	1	1	0	0	1
10403	1	1	1	0	0	1
10404	1	1	1	0	0	1
10405	1	1	1	0	0	1
10406	1	1	1	0	0	1
n	5	5	5	5	5	5

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Recovery day 7
Sex : Female (satellite) Dose : DPDME 0 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
50556	1	1	1	0	0	1
50557	1	1	1	0	0	1
50558	1	1	1	0	0	1
50559	1	1	1	0	0	1
50560	1	1	1	0	0	1
n	5	5	5	5	5	5

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Recovery day 7
Sex : Female (satellite) Dose : DPDME 1000 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
50656	1	1	1	0	0	1
50657	1	1	1	0	0	1
50658	1	1	1	0	0	1
50659	1	1	1	0	0	1
50660	1	1	1	0	0	1
n	5	5	5	5	5	5

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Recovery day 14
Sex : Female (satellite) Dose : DPDME 0 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
50556	1	1	1	0	0	1
50557	1	1	1	0	0	1
50558	1	1	1	0	0	1
50559	1	1	1	0	0	1
50560	1	1	1	0	0	1
n	5	5	5	5	5	5

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (in the cage) Stage : Recovery day 14
Sex : Female (satellite) Dose : DPDME 1000 mg/kg Species : Rat

Animal No.	Body position/ Posture	Respiratory pattern	Tremor/ Convulsion	Rolling	Repetitive circling	Self biting
50656	1	1	1	0	0	1
50657	1	1	1	0	0	1
50658	1	1	1	0	0	1
50659	1	1	1	0	0	1
50660	1	1	1	0	0	1
n	5	5	5	5	5	5

Body position/Posture) 1;Normal (sitting, etc.), 2;Sleeping, 3;Crouching, 4;Prone, lateral, 5;Standing, jumping, 6;Cataleptic.
Respiratory pattern) 1;Normal, 2;Slightly abnormal,rapid or slow, 3;Moderately abnormal, difficult to breath, 4;Severe abnormal, labored, 5;Dyspnea.
Tremor/Convulsion) 1;Not present, 2;Irregularly only the legs, 3;Durable only the legs, 4;Clonic,systemic, 5;Tonic, systemic.
Stereotype/Rolling) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Repetitive circling) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Self biting) 1;Not present, 2;Present.

Detailed clinical observation (on the hand) Stage : Pre
Sex : Male Dose : DPDME 0 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
10101	1	1	2	1	1	1	0	1
10102	1	1	2	1	1	1	0	1
10103	1	1	2	1	1	1	0	1
10104	1	1	2	1	1	1	0	1
10105	1	1	2	1	1	1	0	1
10106	1	1	2	1	1	1	0	1
10107	1	1	2	1	1	1	0	1
10108	1	1	2	1	1	1	0	1
10109	1	1	2	1	1	1	0	1
10110	1	1	2	1	1	1	0	1
10111	1	1	2	1	1	1	0	1
10112	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
10101	1	1	1	0
10102	1	1	1	0
10103	1	1	1	0
10104	1	1	1	0
10105	1	1	1	0
10106	1	1	1	0
10107	1	1	1	0
10108	1	1	1	0
10109	1	1	1	0
10110	1	1	1	0
10111	1	1	1	0
10112	1	1	1	0
n	12	12	12	12

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Pre
Sex : Male Dose : DPDME 40 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
10201	1	1	2	1	1	1	0	1
10202	1	1	2	1	1	1	0	1
10203	1	1	2	1	1	1	0	1
10204	1	1	2	1	1	1	0	1
10205	1	1	2	1	1	1	0	1
10206	1	1	2	1	1	1	0	1
10207	1	1	2	1	1	1	0	1
10208	1	1	2	1	1	1	0	1
10209	1	1	2	1	1	1	0	1
10210	1	1	2	1	1	1	0	1
10211	1	1	2	1	1	1	0	1
10212	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
10201	1	1	1	0
10202	1	1	1	0
10203	1	1	1	0
10204	1	1	1	0
10205	1	1	1	0
10206	1	1	1	0
10207	1	1	1	0
10208	1	1	1	0
10209	1	1	1	0
10210	1	1	1	0
10211	1	1	1	0
10212	1	1	1	0
n	12	12	12	12

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Pre
Sex : Male Dose : DPDME 200 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
10301	1	1	2	1	1	1	0	1
10302	1	1	2	1	1	1	0	1
10303	1	1	2	1	1	1	0	1
10304	1	1	2	1	1	1	0	1
10305	1	1	2	1	1	1	0	1
10306	1	1	2	1	1	1	0	1
10307	1	1	2	1	1	1	0	1
10308	1	1	2	1	1	1	0	1
10309	1	1	2	1	1	1	0	1
10310	1	1	2	1	1	1	0	1
10311	1	1	2	1	1	1	0	1
10312	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
10301	1	1	1	0
10302	1	1	1	0
10303	1	1	1	0
10304	1	1	1	0
10305	1	1	1	0
10306	1	1	1	0
10307	1	1	1	0
10308	1	1	1	0
10309	1	1	1	0
10310	1	1	1	0
10311	1	1	1	0
10312	1	1	1	0
n	12	12	12	12

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Pre
Sex : Male Dose : DPDME 1000 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
10401	1	1	2	1	1	1	0	1
10402	1	1	2	1	1	1	0	1
10403	1	1	2	1	1	1	0	1
10404	1	1	2	1	1	1	0	1
10405	1	1	2	1	1	1	0	1
10406	1	1	2	1	1	1	0	1
10407	1	1	2	1	1	1	0	1
10408	1	1	2	1	1	1	0	1
10409	1	1	2	1	1	1	0	1
10410	1	1	2	1	1	1	0	1
10411	1	1	2	1	1	1	0	1
10412	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
10401	1	1	1	0
10402	1	1	1	0
10403	1	1	1	0
10404	1	1	1	0
10405	1	1	1	0
10406	1	1	1	0
10407	1	1	1	0
10408	1	1	1	0
10409	1	1	1	0
10410	1	1	1	0
10411	1	1	1	0
10412	1	1	1	0
n	12	12	12	12

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Day 7
Sex : Male Dose : DPDME 0 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
10101	1	1	2	1	1	1	0	1
10102	1	1	2	1	1	1	0	1
10103	1	1	2	1	1	1	0	1
10104	1	1	2	1	1	1	0	1
10105	1	1	2	1	1	1	0	1
10106	1	1	2	1	1	1	0	1
10107	1	1	2	1	1	1	0	1
10108	1	1	2	1	1	1	0	1
10109	1	1	2	1	1	1	0	1
10110	1	1	2	1	1	1	0	1
10111	1	1	2	1	1	1	0	1
10112	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
10101	1	1	1	0
10102	1	1	1	0
10103	1	1	1	0
10104	1	1	1	0
10105	1	1	1	0
10106	1	1	1	0
10107	1	1	1	0
10108	1	1	1	0
10109	1	1	1	0
10110	1	1	1	0
10111	1	1	1	0
10112	1	1	1	0
n	12	12	12	12

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Day 7
Sex : Male Dose : DPDME 40 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
10201	1	1	2	1	1	1	0	1
10202	1	1	2	1	1	1	0	1
10203	1	1	2	1	1	1	0	1
10204	1	1	2	1	1	1	0	1
10205	1	1	2	1	1	1	0	1
10206	1	1	2	1	1	1	0	1
10207	1	1	2	1	1	1	0	1
10208	1	1	2	1	1	1	0	1
10209	1	1	2	1	1	1	0	1
10210	1	1	2	1	1	1	0	1
10211	1	1	2	1	1	1	0	1
10212	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
10201	1	1	1	0
10202	1	1	1	0
10203	1	1	1	0
10204	1	1	1	0
10205	1	1	1	0
10206	1	1	1	0
10207	1	1	1	0
10208	1	1	1	0
10209	1	1	1	0
10210	1	1	1	0
10211	1	1	1	0
10212	1	1	1	0
n	12	12	12	12

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Day 7
Sex : Male Dose : DPDME 200 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
10301	1	1	2	1	1	1	0	1
10302	1	1	2	1	1	1	0	1
10303	1	1	2	1	1	1	0	1
10304	1	1	2	1	1	1	0	1
10305	1	1	2	1	1	1	0	1
10306	1	1	2	1	1	1	0	1
10307	1	1	2	1	1	1	0	1
10308	1	1	2	1	1	1	0	1
10309	1	1	2	1	1	1	0	1
10310	1	1	2	1	1	1	0	1
10311	1	1	2	1	1	1	0	1
10312	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
10301	1	1	1	0
10302	1	1	1	0
10303	1	1	1	0
10304	1	1	1	0
10305	1	1	1	0
10306	1	1	1	0
10307	1	1	1	0
10308	1	1	1	0
10309	1	1	1	0
10310	1	1	1	0
10311	1	1	1	0
10312	1	1	1	0
n	12	12	12	12

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Day 7
Sex : Male Dose : DPDME 1000 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
10401	1	1	2	1	1	1	0	1
10402	1	1	2	1	1	1	0	1
10403	1	1	2	1	1	1	0	1
10404	1	1	2	1	1	1	0	1
10405	1	1	2	1	1	1	0	1
10406	1	1	2	1	1	1	0	1
10407	1	1	2	1	1	1	0	1
10408	1	1	2	1	1	1	0	1
10409	1	1	2	1	1	1	0	1
10410	1	1	2	1	1	1	0	1
10411	1	1	2	1	1	1	0	1
10412	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
10401	1	1	1	0
10402	1	1	1	0
10403	1	1	1	0
10404	1	1	1	0
10405	1	1	1	0
10406	1	1	1	0
10407	1	1	1	0
10408	1	1	1	0
10409	1	1	1	0
10410	1	1	1	0
10411	1	1	1	0
10412	1	1	1	0
n	12	12	12	12

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Day 14
Sex : Male Dose : DPDME 0 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
10101	1	1	2	1	1	1	0	1
10102	1	1	2	1	1	1	0	1
10103	1	1	2	1	1	1	0	1
10104	1	1	2	1	1	1	0	1
10105	1	1	2	1	1	1	0	1
10106	1	1	2	1	1	1	0	1
10107	1	1	2	1	1	1	0	1
10108	1	1	2	1	1	1	0	1
10109	1	1	2	1	1	1	0	1
10110	1	1	2	1	1	1	0	1
10111	1	1	2	1	1	1	0	1
10112	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
10101	1	1	1	0
10102	1	1	1	0
10103	1	1	1	0
10104	1	1	1	0
10105	1	1	1	0
10106	1	1	1	0
10107	1	1	1	0
10108	1	1	1	0
10109	1	1	1	0
10110	1	1	1	0
10111	1	1	1	0
10112	1	1	1	0
n	12	12	12	12

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Day 14
Sex : Male Dose : DPDME 40 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
10201	1	1	2	1	1	1	0	1
10202	1	1	2	1	1	1	0	1
10203	1	1	2	1	1	1	0	1
10204	1	1	2	1	1	1	0	1
10205	1	1	2	1	1	1	0	1
10206	1	1	2	1	1	1	0	1
10207	1	1	2	1	1	1	0	1
10208	1	1	2	1	1	1	0	1
10209	1	1	2	1	1	1	0	1
10210	1	1	2	1	1	1	0	1
10211	1	1	2	1	1	1	0	1
10212	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
10201	1	1	1	0
10202	1	1	1	0
10203	1	1	1	0
10204	1	1	1	0
10205	1	1	1	0
10206	1	1	1	0
10207	1	1	1	0
10208	1	1	1	0
10209	1	1	1	0
10210	1	1	1	0
10211	1	1	1	0
10212	1	1	1	0
n	12	12	12	12

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Day 14
Sex : Male Dose : DPDME 200 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
10301	1	1	2	1	1	1	0	1
10302	1	1	2	1	1	1	0	1
10303	1	1	2	1	1	1	0	1
10304	1	1	2	1	1	1	0	1
10305	1	1	2	1	1	1	0	1
10306	1	1	2	1	1	1	0	1
10307	1	1	2	1	1	1	0	1
10308	1	1	2	1	1	1	0	1
10309	1	1	2	1	1	1	0	1
10310	1	1	2	1	1	1	0	1
10311	1	1	2	1	1	1	0	1
10312	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
10301	1	1	1	0
10302	1	1	1	0
10303	1	1	1	0
10304	1	1	1	0
10305	1	1	1	0
10306	1	1	1	0
10307	1	1	1	0
10308	1	1	1	0
10309	1	1	1	0
10310	1	1	1	0
10311	1	1	1	0
10312	1	1	1	0
n	12	12	12	12

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Day 14
Sex : Male Dose : DPDME 1000 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
10401	1	1	2	1	1	1	0	1
10402	1	1	2	1	1	1	0	1
10403	1	1	2	1	1	1	0	1
10404	1	1	2	1	1	1	0	1
10405	1	1	2	1	1	1	0	1
10406	1	1	2	1	1	1	0	1
10407	1	1	2	1	1	1	0	1
10408	1	1	2	1	1	1	0	1
10409	1	1	2	1	1	1	0	1
10410	1	1	2	1	1	1	0	1
10411	1	1	2	1	1	1	0	1
10412	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
10401	1	1	1	0
10402	1	1	1	0
10403	1	1	1	0
10404	1	1	1	0
10405	1	1	1	0
10406	1	1	1	0
10407	1	1	1	0
10408	1	1	1	0
10409	1	1	1	0
10410	1	1	1	0
10411	1	1	1	0
10412	1	1	1	0
n	12	12	12	12

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Day 21
Sex : Male Dose : DPDME 0 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
10101	1	1	2	1	1	1	0	1
10102	1	1	2	1	1	1	0	1
10103	1	1	2	1	1	1	0	1
10104	1	1	2	1	1	1	0	1
10105	1	1	2	1	1	1	0	1
10106	1	1	2	1	1	1	0	1
10107	1	1	2	1	1	1	0	1
10108	1	1	2	1	1	1	0	1
10109	1	1	2	1	1	1	0	1
10110	1	1	2	1	1	1	0	1
10111	1	1	2	1	1	1	0	1
10112	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
10101	1	1	1	0
10102	1	1	1	0
10103	1	1	1	0
10104	1	1	1	0
10105	1	1	1	0
10106	1	1	1	0
10107	1	1	1	0
10108	1	1	1	0
10109	1	1	1	0
10110	1	1	1	0
10111	1	1	1	0
10112	1	1	1	0
n	12	12	12	12

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Day 21
Sex : Male Dose : DPDME 40 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
10201	1	1	2	1	1	1	0	1
10202	1	1	2	1	1	1	0	1
10203	1	1	2	1	1	1	0	1
10204	1	1	2	1	1	1	0	1
10205	1	1	2	1	1	1	0	1
10206	1	1	2	1	1	1	0	1
10207	1	1	2	1	1	1	0	1
10208	1	1	2	1	1	1	0	1
10209	1	1	2	1	1	1	0	1
10210	1	1	2	1	1	1	0	1
10211	1	1	2	1	1	1	0	1
10212	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
10201	1	1	1	0
10202	1	1	1	0
10203	1	1	1	0
10204	1	1	1	0
10205	1	1	1	0
10206	1	1	1	0
10207	1	1	1	0
10208	1	1	1	0
10209	1	1	1	0
10210	1	1	1	0
10211	1	1	1	0
10212	1	1	1	0
n	12	12	12	12

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Day 21
Sex : Male Dose : DPDME 200 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
10301	1	1	2	1	1	1	0	1
10302	1	1	2	1	1	1	0	1
10303	1	1	2	1	1	1	0	1
10304	1	1	2	1	1	1	0	1
10305	1	1	2	1	1	1	0	1
10306	1	1	2	1	1	1	0	1
10307	1	1	2	1	1	1	0	1
10308	1	1	2	1	1	1	0	1
10309	1	1	2	1	1	1	0	1
10310	1	1	2	1	1	1	0	1
10311	1	1	2	1	1	1	0	1
10312	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
10301	1	1	1	0
10302	1	1	1	0
10303	1	1	1	0
10304	1	1	1	0
10305	1	1	1	0
10306	1	1	1	0
10307	1	1	1	0
10308	1	1	1	0
10309	1	1	1	0
10310	1	1	1	0
10311	1	1	1	0
10312	1	1	1	0
n	12	12	12	12

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Day 21
Sex : Male Dose : DPDME 1000 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
10401	1	1	2	1	1	1	0	1
10402	1	1	2	1	1	1	0	1
10403	1	1	2	1	1	1	0	1
10404	1	1	2	1	1	1	0	1
10405	1	1	2	1	1	1	0	1
10406	1	1	2	1	1	1	0	1
10407	1	1	2	1	1	1	0	1
10408	1	1	2	1	1	1	0	1
10409	1	1	2	1	1	1	0	1
10410	1	1	2	1	1	1	0	1
10411	1	1	2	1	1	1	0	1
10412	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
10401	1	1	1	0
10402	1	1	1	0
10403	1	1	1	0
10404	1	1	1	0
10405	1	1	1	0
10406	1	1	1	0
10407	1	1	1	0
10408	1	1	1	0
10409	1	1	1	0
10410	1	1	1	0
10411	1	1	1	0
10412	1	1	1	0
n	12	12	12	12

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Day 28
Sex : Male Dose : DPDME 0 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
10101	1	1	2	1	1	1	0	1
10102	1	1	2	1	1	1	0	1
10103	1	1	2	1	1	1	0	1
10104	1	1	2	1	1	1	0	1
10105	1	1	2	1	1	1	0	1
10106	1	1	2	1	1	1	0	1
10107	1	1	2	1	1	1	0	1
10108	1	1	2	1	1	1	0	1
10109	1	1	2	1	1	1	0	1
10110	1	1	2	1	1	1	0	1
10111	1	1	2	1	1	1	0	1
10112	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
10101	1	1	1	0
10102	1	1	1	0
10103	1	1	1	0
10104	1	1	1	0
10105	1	1	1	0
10106	1	1	1	0
10107	1	1	1	0
10108	1	1	1	0
10109	1	1	1	0
10110	1	1	1	0
10111	1	1	1	0
10112	1	1	1	0
n	12	12	12	12

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Day 28
Sex : Male Dose : DPDME 40 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
10201	1	1	2	1	1	1	0	1
10202	1	1	2	1	1	1	0	1
10203	1	1	2	1	1	1	0	1
10204	1	1	2	1	1	1	0	1
10205	1	1	2	1	1	1	0	1
10206	1	1	2	1	1	1	0	1
10207	1	1	2	1	1	1	0	1
10208	1	1	2	1	1	1	0	1
10209	1	1	2	1	1	1	0	1
10210	1	1	2	1	1	1	0	1
10211	1	1	2	1	1	1	0	1
10212	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
10201	1	1	1	0
10202	1	1	1	0
10203	1	1	1	0
10204	1	1	1	0
10205	1	1	1	0
10206	1	1	1	0
10207	1	1	1	0
10208	1	1	1	0
10209	1	1	1	0
10210	1	1	1	0
10211	1	1	1	0
10212	1	1	1	0
n	12	12	12	12

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Day 28
Sex : Male Dose : DPDME 200 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
10301	1	1	2	1	1	1	0	1
10302	1	1	2	1	1	1	0	1
10303	1	1	2	1	1	1	0	1
10304	1	1	2	1	1	1	0	1
10305	1	1	2	1	1	1	0	1
10306	1	1	2	1	1	1	0	1
10307	1	1	2	1	1	1	0	1
10308	1	1	2	1	1	1	0	1
10309	1	1	2	1	1	1	0	1
10310	1	1	2	1	1	1	0	1
10311	1	1	2	1	1	1	0	1
10312	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
10301	1	1	1	0
10302	1	1	1	0
10303	1	1	1	0
10304	1	1	1	0
10305	1	1	1	0
10306	1	1	1	0
10307	1	1	1	0
10308	1	1	1	0
10309	1	1	1	0
10310	1	1	1	0
10311	1	1	1	0
10312	1	1	1	0
n	12	12	12	12

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Day 28
Sex : Male Dose : DPDME 1000 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
10401	1	1	2	1	1	1	0	1
10402	1	1	2	1	1	1	0	1
10403	1	1	2	1	1	1	0	1
10404	1	1	2	1	1	1	0	1
10405	1	1	2	1	1	1	0	1
10406	1	1	2	1	1	1	0	1
10407	1	1	2	1	1	1	0	1
10408	1	1	2	1	1	1	0	1
10409	1	1	2	1	1	1	0	1
10410	1	1	2	1	1	1	0	1
10411	1	1	2	1	1	1	0	1
10412	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
10401	1	1	1	0
10402	1	1	1	0
10403	1	1	1	0
10404	1	1	1	0
10405	1	1	1	0
10406	1	1	1	0
10407	1	1	1	0
10408	1	1	1	0
10409	1	1	1	0
10410	1	1	1	0
10411	1	1	1	0
10412	1	1	1	0
n	12	12	12	12

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Pre
Sex : Female Dose : DPDME 0 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50151	1	1	2	1	1	1	0	1
50152	1	1	2	1	1	1	0	1
50153	1	1	2	1	1	1	0	1
50154	1	1	2	1	1	1	0	1
50155	1	1	2	1	1	1	0	1
50156	1	1	2	1	1	1	0	1
50157	1	1	2	1	1	1	0	1
50158	1	1	2	1	1	1	0	1
50159	1	1	2	1	1	1	0	1
50160	1	1	2	1	1	1	0	1
50161	1	1	2	1	1	1	0	1
50162	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50151	1	1	1	0
50152	1	1	1	0
50153	1	1	1	0
50154	1	1	1	0
50155	1	1	1	0
50156	1	1	1	0
50157	1	1	1	0
50158	1	1	1	0
50159	1	1	1	0
50160	1	1	1	0
50161	1	1	1	0
50162	1	1	1	0
n	12	12	12	12

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Pre
Sex : Female Dose : DPDME 40 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50251	1	1	2	1	1	1	0	1
50252	1	1	2	1	1	1	0	1
50253	1	1	2	1	1	1	0	1
50254	1	1	2	1	1	1	0	1
50255	1	1	2	1	1	1	0	1
50256	1	1	2	1	1	1	0	1
50257	1	1	2	1	1	1	0	1
50258	1	1	2	1	1	1	0	1
50259	1	1	2	1	1	1	0	1
50260	1	1	2	1	1	1	0	1
50261	1	1	2	1	1	1	0	1
50262	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50251	1	1	1	0
50252	1	1	1	0
50253	1	1	1	0
50254	1	1	1	0
50255	1	1	1	0
50256	1	1	1	0
50257	1	1	1	0
50258	1	1	1	0
50259	1	1	1	0
50260	1	1	1	0
50261	1	1	1	0
50262	1	1	1	0
n	12	12	12	12

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Pre
Sex : Female Dose : DPDME 200 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50351	1	1	2	1	1	1	0	1
50352	1	1	2	1	1	1	0	1
50353	1	1	2	1	1	1	0	1
50354	1	1	2	1	1	1	0	1
50355	1	1	2	1	1	1	0	1
50356	1	1	2	1	1	1	0	1
50357	1	1	2	1	1	1	0	1
50358	1	1	2	1	1	1	0	1
50359	1	1	2	1	1	1	0	1
50360	1	1	2	1	1	1	0	1
50361	1	1	2	1	1	1	0	1
50362	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50351	1	1	1	0
50352	1	1	1	0
50353	1	1	1	0
50354	1	1	1	0
50355	1	1	1	0
50356	1	1	1	0
50357	1	1	1	0
50358	1	1	1	0
50359	1	1	1	0
50360	1	1	1	0
50361	1	1	1	0
50362	1	1	1	0
n	12	12	12	12

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Pre
Sex : Female Dose : DPDME 1000 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50451	1	1	2	1	1	1	0	1
50452	1	1	2	1	1	1	0	1
50453	1	1	2	1	1	1	0	1
50454	1	1	2	1	1	1	0	1
50455	1	1	2	1	1	1	0	1
50456	1	1	2	1	1	1	0	1
50457	1	1	2	1	1	1	0	1
50458	1	1	2	1	1	1	0	1
50459	1	1	2	1	1	1	0	1
50460	1	1	2	1	1	1	0	1
50461	1	1	2	1	1	1	0	1
50462	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50451	1	1	1	0
50452	1	1	1	0
50453	1	1	1	0
50454	1	1	1	0
50455	1	1	1	0
50456	1	1	1	0
50457	1	1	1	0
50458	1	1	1	0
50459	1	1	1	0
50460	1	1	1	0
50461	1	1	1	0
50462	1	1	1	0
n	12	12	12	12

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Day 7
Sex : Female Dose : DPDME 0 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50151	1	1	2	1	1	1	0	1
50152	1	1	2	1	1	1	0	1
50153	1	1	2	1	1	1	0	1
50154	1	1	2	1	1	1	0	1
50155	1	1	2	1	1	1	0	1
50156	1	1	2	1	1	1	0	1
50157	1	1	2	1	1	1	0	1
50158	1	1	2	1	1	1	0	1
50159	1	1	2	1	1	1	0	1
50160	1	1	2	1	1	1	0	1
50161	1	1	2	1	1	1	0	1
50162	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50151	1	1	1	0
50152	1	1	1	0
50153	1	1	1	0
50154	1	1	1	0
50155	1	1	1	0
50156	1	1	1	0
50157	1	1	1	0
50158	1	1	1	0
50159	1	1	1	0
50160	1	1	1	0
50161	1	1	1	0
50162	1	1	1	0
n	12	12	12	12

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Day 7
Sex : Female Dose : DPDME 40 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50251	1	1	2	1	1	1	0	1
50252	1	1	2	1	1	1	0	1
50253	1	1	2	1	1	1	0	1
50254	1	1	2	1	1	1	0	1
50255	1	1	2	1	1	1	0	1
50256	1	1	2	1	1	1	0	1
50257	1	1	2	1	1	1	0	1
50258	1	1	2	1	1	1	0	1
50259	1	1	2	1	1	1	0	1
50260	1	1	2	1	1	1	0	1
50261	1	1	2	1	1	1	0	1
50262	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50251	1	1	1	0
50252	1	1	1	0
50253	1	1	1	0
50254	1	1	1	0
50255	1	1	1	0
50256	1	1	1	0
50257	1	1	1	0
50258	1	1	1	0
50259	1	1	1	0
50260	1	1	1	0
50261	1	1	1	0
50262	1	1	1	0
n	12	12	12	12

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Day 7
Sex : Female Dose : DPDME 200 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50351	1	1	2	1	1	1	0	1
50352	1	1	2	1	1	1	0	1
50353	1	1	2	1	1	1	0	1
50354	1	1	2	1	1	1	0	1
50355	1	1	2	1	1	1	0	1
50356	1	1	2	1	1	1	0	1
50357	1	1	2	1	1	1	0	1
50358	1	1	2	1	1	1	0	1
50359	1	1	2	1	1	1	0	1
50360	1	1	2	1	1	1	0	1
50361	1	1	2	1	1	1	0	1
50362	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50351	1	1	1	0
50352	1	1	1	0
50353	1	1	1	0
50354	1	1	1	0
50355	1	1	1	0
50356	1	1	1	0
50357	1	1	1	0
50358	1	1	1	0
50359	1	1	1	0
50360	1	1	1	0
50361	1	1	1	0
50362	1	1	1	0
n	12	12	12	12

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Day 7
Sex : Female Dose : DPDME 1000 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50451	1	1	2	1	1	1	0	1
50452	1	1	2	1	1	1	0	1
50453	1	1	2	1	1	1	0	1
50454	1	1	2	1	1	1	0	1
50455	1	1	2	1	1	1	0	1
50456	1	1	2	1	1	1	0	1
50457	1	1	2	1	1	1	0	1
50458	1	1	2	1	1	1	0	1
50459	1	1	2	1	1	1	0	1
50460	1	1	2	1	1	1	0	1
50461	1	1	2	1	1	1	0	1
50462	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50451	1	1	1	0
50452	1	1	1	0
50453	1	1	1	0
50454	1	1	1	0
50455	1	1	1	0
50456	1	1	1	0
50457	1	1	1	0
50458	1	1	1	0
50459	1	1	1	0
50460	1	1	1	0
50461	1	1	1	0
50462	1	1	1	0
n	12	12	12	12

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Day 14
Sex : Female Dose : DPDME 0 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50151	1	1	2	1	1	1	0	1
50152	1	1	2	1	1	1	0	1
50153	1	1	2	1	1	1	0	1
50154	1	1	2	1	1	1	0	1
50155	1	1	2	1	1	1	0	1
50156	1	1	2	1	1	1	0	1
50157	1	1	2	1	1	1	0	1
50158	1	1	2	1	1	1	0	1
50159	1	1	2	1	1	1	0	1
50160	1	1	2	1	1	1	0	1
50161	1	1	2	1	1	1	0	1
50162	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50151	1	1	1	0
50152	1	1	1	0
50153	1	1	1	0
50154	1	1	1	0
50155	1	1	1	0
50156	1	1	1	0
50157	1	1	1	0
50158	1	1	1	0
50159	1	1	1	0
50160	1	1	1	0
50161	1	1	1	0
50162	1	1	1	0
n	12	12	12	12

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Day 14
Sex : Female Dose : DPDME 40 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50251	1	1	2	1	1	1	0	1
50252	1	1	2	1	1	1	0	1
50253	1	1	2	1	1	1	0	1
50254	1	1	2	1	1	1	0	1
50255	1	1	2	1	1	1	0	1
50256	1	1	2	1	1	1	0	1
50257	1	1	2	1	1	1	0	1
50258	1	1	2	1	1	1	0	1
50259	1	1	2	1	1	1	0	1
50260	1	1	2	1	1	1	0	1
50261	1	1	2	1	1	1	0	1
50262	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50251	1	1	1	0
50252	1	1	1	0
50253	1	1	1	0
50254	1	1	1	0
50255	1	1	1	0
50256	1	1	1	0
50257	1	1	1	0
50258	1	1	1	0
50259	1	1	1	0
50260	1	1	1	0
50261	1	1	1	0
50262	1	1	1	0
n	12	12	12	12

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Day 14
Sex : Female Dose : DPDME 200 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50351	1	1	2	1	1	1	0	1
50352	1	1	2	1	1	1	0	1
50353	1	1	2	1	1	1	0	1
50354	1	1	2	1	1	1	0	1
50355	1	1	2	1	1	1	0	1
50356	1	1	2	1	1	1	0	1
50357	1	1	2	1	1	1	0	1
50358	1	1	2	1	1	1	0	1
50359	1	1	2	1	1	1	0	1
50360	1	1	2	1	1	1	0	1
50361	1	1	2	1	1	1	0	1
50362	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50351	1	1	1	0
50352	1	1	1	0
50353	1	1	1	0
50354	1	1	1	0
50355	1	1	1	0
50356	1	1	1	0
50357	1	1	1	0
50358	1	1	1	0
50359	1	1	1	0
50360	1	1	1	0
50361	1	1	1	0
50362	1	1	1	0
n	12	12	12	12

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Day 14
Sex : Female Dose : DPDME 1000 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50451	1	1	2	1	1	1	0	1
50452	1	1	2	1	1	1	0	1
50453	1	1	2	1	1	1	0	1
50454	1	1	2	1	1	1	0	1
50455	1	1	2	1	1	1	0	1
50456	1	1	2	1	1	1	0	1
50457	1	1	2	1	1	1	0	1
50458	1	1	2	1	1	1	0	1
50459	1	1	2	1	1	1	0	1
50460	1	1	2	1	1	1	0	1
50461	1	1	2	1	1	1	0	1
50462	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50451	1	1	1	0
50452	1	1	1	0
50453	1	1	1	0
50454	1	1	1	0
50455	1	1	1	0
50456	1	1	1	0
50457	1	1	1	0
50458	1	1	1	0
50459	1	1	1	0
50460	1	1	1	0
50461	1	1	1	0
50462	1	1	1	0
n	12	12	12	12

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Day 21
Sex : Female Dose : DPDME 0 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50151	1	1	2	1	1	1	0	1
50152	1	1	2	1	1	1	0	1
50153	1	1	2	1	1	1	0	1
50154	1	1	2	1	1	1	0	1
50155	1	1	2	1	1	1	0	1
50156	1	1	2	1	1	1	0	1
50157	1	1	2	1	1	1	0	1
50158	1	1	2	1	1	1	0	1
50159	1	1	2	1	1	1	0	1
50160	1	1	2	1	1	1	0	1
50161	1	1	2	1	1	1	0	1
50162	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50151	1	1	1	0
50152	1	1	1	0
50153	1	1	1	0
50154	1	1	1	0
50155	1	1	1	0
50156	1	1	1	0
50157	1	1	1	0
50158	1	1	1	0
50159	1	1	1	0
50160	1	1	1	0
50161	1	1	1	0
50162	1	1	1	0
n	12	12	12	12

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Day 21
Sex : Female Dose : DPDME 40 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50251	1	1	2	1	1	1	0	1
50252	1	1	2	1	1	1	0	1
50253	1	1	2	1	1	1	0	1
50254	1	1	2	1	1	1	0	1
50255	1	1	2	1	1	1	0	1
50256	1	1	2	1	1	1	0	1
50257	1	1	2	1	1	1	0	1
50258	1	1	2	1	1	1	0	1
50259	1	1	2	1	1	1	0	1
50260	1	1	2	1	1	1	0	1
50261	1	1	2	1	1	1	0	1
50262	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50251	1	1	1	0
50252	1	1	1	0
50253	1	1	1	0
50254	1	1	1	0
50255	1	1	1	0
50256	1	1	1	0
50257	1	1	1	0
50258	1	1	1	0
50259	1	1	1	0
50260	1	1	1	0
50261	1	1	1	0
50262	1	1	1	0
n	12	12	12	12

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Day 21
Sex : Female Dose : DPDME 200 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50351	1	1	2	1	1	1	0	1
50352	1	1	2	1	1	1	0	1
50353	1	1	2	1	1	1	0	1
50354	1	1	2	1	1	1	0	1
50355	1	1	2	1	1	1	0	1
50356	1	1	2	1	1	1	0	1
50357	1	1	2	1	1	1	0	1
50358	1	1	2	1	1	1	0	1
50359	1	1	2	1	1	1	0	1
50360	1	1	2	1	1	1	0	1
50361	1	1	2	1	1	1	0	1
50362	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50351	1	1	1	0
50352	1	1	1	0
50353	1	1	1	0
50354	1	1	1	0
50355	1	1	1	0
50356	1	1	1	0
50357	1	1	1	0
50358	1	1	1	0
50359	1	1	1	0
50360	1	1	1	0
50361	1	1	1	0
50362	1	1	1	0
n	12	12	12	12

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Day 21
Sex : Female Dose : DPDME 1000 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50451	1	1	2	1	1	1	0	1
50452	1	1	2	1	1	1	0	1
50453	1	1	2	1	1	1	0	1
50454	1	1	2	1	1	1	0	1
50455	1	1	2	1	1	1	0	1
50456	2	1	2	1	1	1	0	1
50457	1	1	2	1	1	1	0	1
50458	1	1	2	1	1	1	0	1
50459	1	1	2	1	1	1	0	1
50460	1	1	2	1	1	1	0	1
50461	1	1	2	1	1	1	0	1
50462	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50451	1	1	1	0
50452	1	1	1	0
50453	1	1	1	0
50454	1	1	1	0
50455	1	1	1	0
50456	1	1	1	0
50457	1	1	1	0
50458	1	1	1	0
50459	1	1	1	0
50460	1	1	1	0
50461	1	1	1	0
50462	1	1	1	0
n	12	12	12	12

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Day 28
Sex : Female Dose : DPDME 0 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50151	1	1	2	1	1	1	0	1
50152	1	1	2	1	1	1	0	1
50153	1	1	2	1	1	1	0	1
50154	1	1	2	1	1	1	0	1
50155	1	1	2	1	1	1	0	1
50156	1	1	2	1	1	1	0	1
50157	1	1	2	1	1	1	0	1
50158	1	1	2	1	1	1	0	1
50159	1	1	2	1	1	1	0	1
50160	1	1	2	1	1	1	0	1
50161	1	1	2	1	1	1	0	1
50162	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50151	1	1	1	0
50152	1	1	1	0
50153	1	1	1	0
50154	1	1	1	0
50155	1	1	1	0
50156	1	1	1	0
50157	1	1	1	0
50158	1	1	1	0
50159	1	1	1	0
50160	1	1	1	0
50161	1	1	1	0
50162	1	1	1	0
n	12	12	12	12

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Day 28
Sex : Female Dose : DPDME 40 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50251	1	1	2	1	1	1	0	1
50252	1	1	2	1	1	1	0	1
50253	1	1	2	1	1	1	0	1
50254	1	1	2	1	1	1	0	1
50255	1	1	2	1	1	1	0	1
50256	1	1	2	1	1	1	0	1
50257	1	1	2	1	1	1	0	1
50258	1	1	2	1	1	1	0	1
50259	1	1	2	1	1	1	0	1
50260	1	1	2	1	1	1	0	1
50261	1	1	2	1	1	1	0	1
50262	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50251	1	1	1	0
50252	1	1	1	0
50253	1	1	1	0
50254	1	1	1	0
50255	1	1	1	0
50256	1	1	1	0
50257	1	1	1	0
50258	1	1	1	0
50259	1	1	1	0
50260	1	1	1	0
50261	1	1	1	0
50262	1	1	1	0
n	12	12	12	12

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Day 28
Sex : Female Dose : DPDME 200 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50351	1	1	2	1	1	1	0	1
50352	1	1	2	1	1	1	0	1
50353	1	1	2	1	1	1	0	1
50354	1	1	2	1	1	1	0	1
50355	1	1	2	1	1	1	0	1
50356	1	1	2	1	1	1	0	1
50357	1	1	2	1	1	1	0	1
50358	1	1	2	1	1	1	0	1
50359	1	1	2	1	1	1	0	1
50360	1	1	2	1	1	1	0	1
50361	1	1	2	1	1	1	0	1
50362	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50351	1	1	1	0
50352	1	1	1	0
50353	1	1	1	0
50354	1	1	1	0
50355	1	1	1	0
50356	1	1	1	0
50357	1	1	1	0
50358	1	1	1	0
50359	1	1	1	0
50360	1	1	1	0
50361	1	1	1	0
50362	1	1	1	0
n	12	12	12	12

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Day 28
Sex : Female Dose : DPDME 1000 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50451	1	1	2	1	1	1	0	1
50452	1	1	2	1	1	1	0	1
50453	1	1	2	1	1	1	0	1
50454	1	1	2	1	1	1	0	1
50455	1	1	2	1	1	1	0	1
50456	1	1	2	1	1	1	0	1
50457	1	1	2	1	1	1	0	1
50458	1	1	2	1	1	1	0	1
50459	1	1	2	1	1	1	0	1
50460	1	1	2	1	1	1	0	1
50461	1	1	2	1	1	1	0	1
50462	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50451	1	1	1	0
50452	1	1	1	0
50453	1	1	1	0
50454	1	1	1	0
50455	1	1	1	0
50456	1	1	1	0
50457	1	1	1	0
50458	1	1	1	0
50459	1	1	1	0
50460	1	1	1	0
50461	1	1	1	0
50462	1	1	1	0
n	12	12	12	12

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Day 35
Sex : Female Dose : DPDME 0 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50151	1	1	2	1	1	1	0	1
50152	1	1	2	1	1	1	0	1
50153	1	1	2	1	1	1	0	1
50154	1	1	2	1	1	1	0	1
50155	1	1	2	1	1	1	0	1
50156	1	1	2	1	1	1	0	1
50157	1	1	2	1	1	1	0	1
50158	1	1	2	1	1	1	0	1
50159	1	1	2	1	1	1	0	1
50160	1	1	2	1	1	1	0	1
50161	1	1	2	1	1	1	0	1
50162	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50151	1	1	1	0
50152	1	1	1	0
50153	1	1	1	0
50154	1	1	1	0
50155	1	1	1	0
50156	1	1	1	0
50157	1	1	1	0
50158	1	1	1	0
50159	1	1	1	0
50160	1	1	1	0
50161	1	1	1	0
50162	1	1	1	0
n	12	12	12	12

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Day 35
Sex : Female Dose : DPDME 40 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50251	1	1	2	1	1	1	0	1
50252	1	1	2	1	1	1	0	1
50253	1	1	2	1	1	1	0	1
50254	1	1	2	1	1	1	0	1
50255	1	1	2	1	1	1	0	1
50256	1	1	2	1	1	1	0	1
50257	1	1	2	1	1	1	0	1
50258	1	1	2	1	1	1	0	1
50259	1	1	2	1	1	1	0	1
50260	1	1	2	1	1	1	0	1
50261	1	1	2	1	1	1	0	1
50262	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50251	1	1	1	0
50252	1	1	1	0
50253	1	1	1	0
50254	1	1	1	0
50255	1	1	1	0
50256	1	1	1	0
50257	1	1	1	0
50258	1	1	1	0
50259	1	1	1	0
50260	1	1	1	0
50261	1	1	1	0
50262	1	1	1	0
n	12	12	12	12

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Day 35
Sex : Female Dose : DPDME 200 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50351	1	1	2	1	1	1	0	1
50352	1	1	2	1	1	1	0	1
50353	1	1	2	1	1	1	0	1
50354	1	1	2	1	1	1	0	1
50355	1	1	2	1	1	1	0	1
50356	1	1	2	1	1	1	0	1
50357	1	1	2	1	1	1	0	1
50358	1	1	2	1	1	1	0	1
50359	1	1	2	1	1	1	0	1
50360	1	1	2	1	1	1	0	1
50361	1	1	2	1	1	1	0	1
50362	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50351	1	1	1	0
50352	1	1	1	0
50353	1	1	1	0
50354	1	1	1	0
50355	1	1	1	0
50356	1	1	1	0
50357	1	1	1	0
50358	1	1	1	0
50359	1	1	1	0
50360	1	1	1	0
50361	1	1	1	0
50362	1	1	1	0
n	12	12	12	12

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Day 35
Sex : Female Dose : DPDME 1000 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50451	1	1	2	1	1	1	0	1
50452	1	1	2	1	1	1	0	1
50453	1	1	2	1	1	1	0	1
50454	1	1	2	1	1	1	0	1
50455	1	1	2	1	1	1	0	1
50456	1	1	2	1	1	1	0	1
50457	1	1	2	1	1	1	0	1
50458	1	1	2	1	1	1	0	1
50459	1	1	2	1	1	1	0	1
50460	1	1	2	1	1	1	0	1
50461	1	1	2	1	1	1	0	1
50462	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50451	1	1	1	0
50452	1	1	1	0
50453	1	1	1	0
50454	1	1	1	0
50455	1	1	1	0
50456	1	1	1	0
50457	1	1	1	0
50458	1	1	1	0
50459	1	1	1	0
50460	1	1	1	0
50461	1	1	1	0
50462	1	1	1	0
n	12	12	12	12

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Day 42
Sex : Female Dose : DPDME 0 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50151	1	1	2	1	1	1	0	1
50152	1	1	2	1	1	1	0	1
50153	1	1	2	1	1	1	0	1
50154	1	1	2	1	1	1	0	1
50155	1	1	2	1	1	1	0	1
50156	1	1	2	1	1	1	0	1
50157	1	1	2	1	1	1	0	1
50158	1	1	2	1	1	1	0	1
50159	1	1	2	1	1	1	0	1
50160	1	1	2	1	1	1	0	1
50161	1	1	2	1	1	1	0	1
50162	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50151	1	1	1	0
50152	1	1	1	0
50153	1	1	1	0
50154	1	1	1	0
50155	1	1	1	0
50156	1	1	1	0
50157	1	1	1	0
50158	1	1	1	0
50159	1	1	1	0
50160	1	1	1	0
50161	1	1	1	0
50162	1	1	1	0
n	12	12	12	12

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Day 42
Sex : Female Dose : DPDME 40 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50251	1	1	2	1	1	1	0	1
50252	1	1	2	1	1	1	0	1
50253	1	1	2	1	1	1	0	1
50254	1	1	2	1	1	1	0	1
50255	1	1	2	1	1	1	0	1
50256	1	1	2	1	1	1	0	1
50257	1	1	2	1	1	1	0	1
50258	1	1	2	1	1	1	0	1
50259	1	1	2	1	1	1	0	1
50260	1	1	2	1	1	1	0	1
50261	1	1	2	1	1	1	0	1
50262	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50251	1	1	1	0
50252	1	1	1	0
50253	1	1	1	0
50254	1	1	1	0
50255	1	1	1	0
50256	1	1	1	0
50257	1	1	1	0
50258	1	1	1	0
50259	1	1	1	0
50260	1	1	1	0
50261	1	1	1	0
50262	1	1	1	0
n	12	12	12	12

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Day 42
Sex : Female Dose : DPDME 200 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50351	1	1	2	1	1	1	0	1
50352	1	1	2	1	1	1	0	1
50353	1	1	2	1	1	1	0	1
50354	1	1	2	1	1	1	0	1
50355	1	1	2	1	1	1	0	1
50356	1	1	2	1	1	1	0	1
50357	1	1	2	1	1	1	0	1
50358	1	1	2	1	1	1	0	1
50359	1	1	2	1	1	1	0	1
50360	1	1	2	1	1	1	0	1
50361	1	1	2	1	1	1	0	1
50362	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50351	1	1	1	0
50352	1	1	1	0
50353	1	1	1	0
50354	1	1	1	0
50355	1	1	1	0
50356	1	1	1	0
50357	1	1	1	0
50358	1	1	1	0
50359	1	1	1	0
50360	1	1	1	0
50361	1	1	1	0
50362	1	1	1	0
n	12	12	12	12

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Day 42
Sex : Female Dose : DPDME 1000 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50451	1	1	2	1	1	1	0	1
50452	1	1	2	1	1	1	0	1
50453	1	1	2	1	1	1	0	1
50454	1	1	2	1	1	1	0	1
50455	1	1	2	1	1	1	0	1
50456	1	1	2	1	1	1	0	1
50457	1	1	2	1	1	1	0	1
50458	1	1	2	1	1	1	0	1
50459	1	1	2	1	1	1	0	1
50460	1	1	2	1	1	1	0	1
50461	1	1	2	1	1	1	0	1
50462	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50451	1	1	1	0
50452	1	1	1	0
50453	1	1	1	0
50454	1	1	1	0
50455	1	1	1	0
50456	1	1	1	0
50457	1	1	1	0
50458	1	1	1	0
50459	1	1	1	0
50460	1	1	1	0
50461	1	1	1	0
50462	1	1	1	0
n	12	12	12	12

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Day 49
Sex : Female Dose : DPDME 0 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50151	1	1	2	1	1	1	0	1
50152	1	1	2	1	1	1	0	1
50153	1	1	2	1	1	1	0	1
50154	1	1	2	1	1	1	0	1
50155	1	1	2	1	1	1	0	1
50156	1	1	2	1	1	1	0	1
50157	1	1	2	1	1	1	0	1
50158	1	1	2	1	1	1	0	1
50159	1	1	2	1	1	1	0	1
50160	1	1	2	1	1	1	0	1
50161	1	1	2	1	1	1	0	1
50162	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50151	1	1	1	0
50152	1	1	1	0
50153	1	1	1	0
50154	1	1	1	0
50155	1	1	1	0
50156	1	1	1	0
50157	1	1	1	0
50158	1	1	1	0
50159	1	1	1	0
50160	1	1	1	0
50161	1	1	1	0
50162	1	1	1	0
n	12	12	12	12

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Day 49
Sex : Female Dose : DPDME 40 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50251	1	1	2	1	1	1	0	1
50252	1	1	2	1	1	1	0	1
50253	1	1	2	1	1	1	0	1
50254	1	1	2	1	1	1	0	1
50255	1	1	2	1	1	1	0	1
50256	1	1	2	1	1	1	0	1
50257	1	1	2	1	1	1	0	1
50258	1	1	2	1	1	1	0	1
50259	1	1	2	1	1	1	0	1
50260	1	1	2	1	1	1	0	1
50261	1	1	2	1	1	1	0	1
50262	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50251	1	1	1	0
50252	1	1	1	0
50253	1	1	1	0
50254	1	1	1	0
50255	1	1	1	0
50256	1	1	1	0
50257	1	1	1	0
50258	1	1	1	0
50259	1	1	1	0
50260	1	1	1	0
50261	1	1	1	0
50262	1	1	1	0
n	12	12	12	12

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Day 49
Sex : Female Dose : DPDME 200 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50351	1	1	2	1	1	1	0	1
50352	1	1	2	1	1	1	0	1
50353	1	1	2	1	1	1	0	1
50354	1	1	2	1	1	1	0	1
50355	1	1	2	1	1	1	0	1
50356	1	1	2	1	1	1	0	1
50357	1	1	2	1	1	1	0	1
50358	1	1	2	1	1	1	0	1
50359	1	1	2	1	1	1	0	1
50360	1	1	2	1	1	1	0	1
50361	1	1	2	1	1	1	0	1
50362	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50351	1	1	1	0
50352	1	1	1	0
50353	1	1	1	0
50354	1	1	1	0
50355	1	1	1	0
50356	1	1	1	0
50357	1	1	1	0
50358	1	1	1	0
50359	1	1	1	0
50360	1	1	1	0
50361	1	1	1	0
50362	1	1	1	0
n	12	12	12	12

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Day 49
Sex : Female Dose : DPDME 1000 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50451	1	1	2	1	1	1	0	1
50452	1	1	2	1	1	1	0	1
50453	1	1	2	1	1	1	0	1
50454	1	1	2	1	1	1	0	1
50455	1	1	2	1	1	1	0	1
50456	1	1	2	1	1	1	0	1
50457	1	1	2	1	1	1	0	1
50458	1	1	2	1	1	1	0	1
50459	1	1	2	1	1	1	0	1
50460	1	1	2	1	1	1	0	1
50461	1	1	2	1	1	1	0	1
50462	1	1	2	1	1	1	0	1
n	12	12	12	12	12	12	12	12

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50451	1	1	1	0
50452	1	1	1	0
50453	1	1	1	0
50454	1	1	1	0
50455	1	1	1	0
50456	1	1	1	0
50457	1	1	1	0
50458	1	1	1	0
50459	1	1	1	0
50460	1	1	1	0
50461	1	1	1	0
50462	1	1	1	0
n	12	12	12	12

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Pre
Sex : Female (satellite) Dose : DPDME 0 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50551	1	1	2	1	1	1	0	1
50552	1	1	2	1	1	1	0	1
50553	1	1	2	1	1	1	0	1
50554	1	1	2	1	1	1	0	1
50555	1	1	2	1	1	1	0	1
50556	1	1	2	1	1	1	0	1
50557	1	1	2	1	1	1	0	1
50558	1	1	2	1	1	1	0	1
50559	1	1	2	1	1	1	0	1
50560	1	1	2	1	1	1	0	1
n	10	10	10	10	10	10	10	10

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50551	1	1	1	0
50552	1	1	1	0
50553	1	1	1	0
50554	1	1	1	0
50555	1	1	1	0
50556	1	1	1	0
50557	1	1	1	0
50558	1	1	1	0
50559	1	1	1	0
50560	1	1	1	0
n	10	10	10	10

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Pre
Sex : Female (satellite) Dose : DPDME 1000 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50651	1	1	2	1	1	1	0	1
50652	1	1	2	1	1	1	0	1
50653	1	1	2	1	1	1	0	1
50654	1	1	2	1	1	1	0	1
50655	1	1	2	1	1	1	0	1
50656	1	1	2	1	1	1	0	1
50657	1	1	2	1	1	1	0	1
50658	1	1	2	1	1	1	0	1
50659	1	1	2	1	1	1	0	1
50660	1	1	2	1	1	1	0	1
n	10	10	10	10	10	10	10	10

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50651	1	1	1	0
50652	1	1	1	0
50653	1	1	1	0
50654	1	1	1	0
50655	1	1	1	0
50656	1	1	1	0
50657	1	1	1	0
50658	1	1	1	0
50659	1	1	1	0
50660	1	1	1	0
n	10	10	10	10

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Day 7
Sex : Female (satellite) Dose : DPDME 0 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50551	1	1	2	1	1	1	0	1
50552	1	1	2	1	1	1	0	1
50553	1	1	2	1	1	1	0	1
50554	1	1	2	1	1	1	0	1
50555	1	1	2	1	1	1	0	1
50556	1	1	2	1	1	1	0	1
50557	1	1	2	1	1	1	0	1
50558	1	1	2	1	1	1	0	1
50559	1	1	2	1	1	1	0	1
50560	1	1	2	1	1	1	0	1
n	10	10	10	10	10	10	10	10

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50551	1	1	1	0
50552	1	1	1	0
50553	1	1	1	0
50554	1	1	1	0
50555	1	1	1	0
50556	1	1	1	0
50557	1	1	1	0
50558	1	1	1	0
50559	1	1	1	0
50560	1	1	1	0
n	10	10	10	10

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Day 7
Sex : Female (satellite) Dose : DPDME 1000 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50651	1	1	2	1	1	1	0	1
50652	1	1	2	1	1	1	0	1
50653	1	1	2	1	1	1	0	1
50654	1	1	2	1	1	1	0	1
50655	1	1	2	1	1	1	0	1
50656	1	1	2	1	1	1	0	1
50657	1	1	2	1	1	1	0	1
50658	1	1	2	1	1	1	0	1
50659	1	1	2	1	1	1	0	1
50660	1	1	2	1	1	1	0	1
n	10	10	10	10	10	10	10	10

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50651	1	1	1	0
50652	1	1	1	0
50653	1	1	1	0
50654	1	1	1	0
50655	1	1	1	0
50656	1	1	1	0
50657	1	1	1	0
50658	1	1	1	0
50659	1	1	1	0
50660	1	1	1	0
n	10	10	10	10

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Day 14
Sex : Female (satellite) Dose : DPDME 0 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50551	1	1	2	1	1	1	0	1
50552	1	1	2	1	1	1	0	1
50553	1	1	2	1	1	1	0	1
50554	1	1	2	1	1	1	0	1
50555	1	1	2	1	1	1	0	1
50556	1	1	2	1	1	1	0	1
50557	1	1	2	1	1	1	0	1
50558	1	1	2	1	1	1	0	1
50559	1	1	2	1	1	1	0	1
50560	1	1	2	1	1	1	0	1
n	10	10	10	10	10	10	10	10

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50551	1	1	1	0
50552	1	1	1	0
50553	1	1	1	0
50554	1	1	1	0
50555	1	1	1	0
50556	1	1	1	0
50557	1	1	1	0
50558	1	1	1	0
50559	1	1	1	0
50560	1	1	1	0
n	10	10	10	10

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Day 14
Sex : Female (satellite) Dose : DPDME 1000 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50651	1	1	2	1	1	1	0	1
50652	1	1	2	1	1	1	0	1
50653	1	1	2	1	1	1	0	1
50654	1	1	2	1	1	1	0	1
50655	1	1	2	1	1	1	0	1
50656	1	1	2	1	1	1	0	1
50657	1	1	2	1	1	1	0	1
50658	1	1	2	1	1	1	0	1
50659	1	1	2	1	1	1	0	1
50660	1	1	2	1	1	1	0	1
n	10	10	10	10	10	10	10	10

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50651	1	1	1	0
50652	1	1	1	0
50653	1	1	1	0
50654	1	1	1	0
50655	1	1	1	0
50656	1	1	1	0
50657	1	1	1	0
50658	1	1	1	0
50659	1	1	1	0
50660	1	1	1	0
n	10	10	10	10

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Day 21
Sex : Female (satellite) Dose : DPDME 0 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50551	1	1	2	1	1	1	0	1
50552	1	1	2	1	1	1	0	1
50553	1	1	2	1	1	1	0	1
50554	1	1	2	1	1	1	0	1
50555	1	1	2	1	1	1	0	1
50556	1	1	2	1	1	1	0	1
50557	1	1	2	1	1	1	0	1
50558	1	1	2	1	1	1	0	1
50559	1	1	2	1	1	1	0	1
50560	1	1	2	1	1	1	0	1
n	10	10	10	10	10	10	10	10

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50551	1	1	1	0
50552	1	1	1	0
50553	1	1	1	0
50554	1	1	1	0
50555	1	1	1	0
50556	1	1	1	0
50557	1	1	1	0
50558	1	1	1	0
50559	1	1	1	0
50560	1	1	1	0
n	10	10	10	10

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Day 21
Sex : Female (satellite) Dose : DPDME 1000 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50651	1	1	2	1	1	1	0	1
50652	1	1	2	1	1	1	0	1
50653	1	1	2	1	1	1	0	1
50654	1	1	2	1	1	1	0	1
50655	1	1	2	1	1	1	0	1
50656	1	1	2	1	1	1	0	1
50657	1	1	2	1	1	1	0	1
50658	1	1	2	1	1	1	0	1
50659	1	1	2	1	1	1	0	1
50660	1	1	2	1	1	1	0	1
n	10	10	10	10	10	10	10	10

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50651	1	1	1	0
50652	1	1	1	0
50653	1	1	1	0
50654	1	1	1	0
50655	1	1	1	0
50656	1	1	1	0
50657	1	1	1	0
50658	1	1	1	0
50659	1	1	1	0
50660	1	1	1	0
n	10	10	10	10

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Day 28
Sex : Female (satellite) Dose : DPDME 0 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50551	1	1	2	1	1	1	0	1
50552	1	1	2	1	1	1	0	1
50553	1	1	2	1	1	1	0	1
50554	1	1	2	1	1	1	0	1
50555	1	1	2	1	1	1	0	1
50556	1	1	2	1	1	1	0	1
50557	1	1	2	1	1	1	0	1
50558	1	1	2	1	1	1	0	1
50559	1	1	2	1	1	1	0	1
50560	1	1	2	1	1	1	0	1
n	10	10	10	10	10	10	10	10

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50551	1	1	1	0
50552	1	1	1	0
50553	1	1	1	0
50554	1	1	1	0
50555	1	1	1	0
50556	1	1	1	0
50557	1	1	1	0
50558	1	1	1	0
50559	1	1	1	0
50560	1	1	1	0
n	10	10	10	10

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Day 28
Sex : Female (satellite) Dose : DPDME 1000 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50651	1	1	2	1	1	1	0	1
50652	1	1	2	1	1	1	0	1
50653	1	1	2	1	1	1	0	1
50654	1	1	2	1	1	1	0	1
50655	1	1	2	1	1	1	0	1
50656	1	1	2	1	1	1	0	1
50657	1	1	2	1	1	1	0	1
50658	1	1	2	1	1	1	0	1
50659	1	1	2	1	1	1	0	1
50660	1	1	2	1	1	1	0	1
n	10	10	10	10	10	10	10	10

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50651	1	1	1	0
50652	1	1	1	0
50653	1	1	1	0
50654	1	1	1	0
50655	1	1	1	0
50656	1	1	1	0
50657	1	1	1	0
50658	1	1	1	0
50659	1	1	1	0
50660	1	1	1	0
n	10	10	10	10

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Recovery day 7
Sex : Male Dose : DPDME 0 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
10102	1	1	2	1	1	1	0	1
10103	1	1	2	1	1	1	0	1
10107	1	1	2	1	1	1	0	1
10111	1	1	2	1	1	1	0	1
10112	1	1	2	1	1	1	0	1
n	5	5	5	5	5	5	5	5

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
10102	1	1	1	0
10103	1	1	1	0
10107	1	1	1	0
10111	1	1	1	0
10112	1	1	1	0
n	5	5	5	5

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Recovery day 7
Sex : Male Dose : DPDME 1000 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
10402	1	1	2	1	1	1	0	1
10403	1	1	2	1	1	1	0	1
10404	1	1	2	1	1	1	0	1
10405	1	1	2	1	1	1	0	1
10406	1	1	2	1	1	1	0	1
n	5	5	5	5	5	5	5	5

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
10402	1	1	1	0
10403	1	1	1	0
10404	1	1	1	0
10405	1	1	1	0
10406	1	1	1	0
n	5	5	5	5

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Recovery day 14
Sex : Male Dose : DPDME 0 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
10102	1	1	2	1	1	1	0	1
10103	1	1	2	1	1	1	0	1
10107	1	1	2	1	1	1	0	1
10111	1	1	2	1	1	1	0	1
10112	1	1	2	1	1	1	0	1
n	5	5	5	5	5	5	5	5

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
10102	1	1	1	0
10103	1	1	1	0
10107	1	1	1	0
10111	1	1	1	0
10112	1	1	1	0
n	5	5	5	5

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Recovery day 14
Sex : Male Dose : DPDME 1000 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
10402	1	1	2	1	1	1	0	1
10403	1	1	2	1	1	1	0	1
10404	1	1	2	1	1	1	0	1
10405	1	1	2	1	1	1	0	1
10406	1	1	2	1	1	1	0	1
n	5	5	5	5	5	5	5	5

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
10402	1	1	1	0
10403	1	1	1	0
10404	1	1	1	0
10405	1	1	1	0
10406	1	1	1	0
n	5	5	5	5

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Recovery day 7
Sex : Female (satellite) Dose : DPDME 0 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50556	1	1	2	1	1	1	0	1
50557	1	1	2	1	1	1	0	1
50558	1	1	2	1	1	1	0	1
50559	1	1	2	1	1	1	0	1
50560	1	1	2	1	1	1	0	1
n	5	5	5	5	5	5	5	5

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50556	1	1	1	0
50557	1	1	1	0
50558	1	1	1	0
50559	1	1	1	0
50560	1	1	1	0
n	5	5	5	5

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Recovery day 7
Sex : Female (satellite) Dose : DPDME 1000 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50656	1	1	2	1	1	1	0	1
50657	1	1	2	1	1	1	0	1
50658	1	1	2	1	1	1	0	1
50659	1	1	2	1	1	1	0	1
50660	1	1	2	1	1	1	0	1
n	5	5	5	5	5	5	5	5

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50656	1	1	1	0
50657	1	1	1	0
50658	1	1	1	0
50659	1	1	1	0
50660	1	1	1	0
n	5	5	5	5

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Recovery day 14
Sex : Female (satellite) Dose : DPDME 0 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50556	1	1	2	1	1	1	0	1
50557	1	1	2	1	1	1	0	1
50558	1	1	2	1	1	1	0	1
50559	1	1	2	1	1	1	0	1
50560	1	1	2	1	1	1	0	1
n	5	5	5	5	5	5	5	5

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50556	1	1	1	0
50557	1	1	1	0
50558	1	1	1	0
50559	1	1	1	0
50560	1	1	1	0
n	5	5	5	5

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (on the hand) Stage : Recovery day 14
Sex : Female (satellite) Dose : DPDME 1000 mg/kg Species : Rat

Animal No.	Ease of Removal	Ease of Handling	Muscle tone	Piloerection	Fur	Eyes	Mucous membranes	Skin
50656	1	1	2	1	1	1	0	1
50657	1	1	2	1	1	1	0	1
50658	1	1	2	1	1	1	0	1
50659	1	1	2	1	1	1	0	1
50660	1	1	2	1	1	1	0	1
n	5	5	5	5	5	5	5	5

Animal No.	Pupil size	Lacrimation	Salivation	Secretions/ Excretions
50656	1	1	1	0
50657	1	1	1	0
50658	1	1	1	0
50659	1	1	1	0
50660	1	1	1	0
n	5	5	5	5

Ease of Removal) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Ease of Handling) 1;Very easy, 2;Easy, 3;Slightly difficult, 4;Difficult, 5;Very difficult.
Muscle tone) 1;Low, 2;Normal, 3;High.
Piloerection) 1;Normal, 2;Slightly present, around head and back, 3;Slightly present, systemic, 4;Severely present, systemic.
Fur) 1;Normal, 2;Slightly stained, 3;Stained.
Eyes) 1;Not present, normal, 2;Slight ptosis, half closed, 3;Ptosis, 4;Closed.
Mucous membranes) -1;Dark purplish appearance, cyanosis, 0;Normal, 1;Red appearance.
Skin) 0;Pale appearance, cyanosis, 1;Normal, 2;Red appearance.
Pupil size) 1;Normal, 2;Slightly mydriatic, 3;Mydriatic.
Lacrimation) 1;Not present, 2;Wet around the eye, 3;Wet, 4;Severely wet.
Salivation) 1;Not present, 2;Wet around the mouth, 3;Wet, 4;Severely wet.
Secretions/Excretions) 0;Not present, 1;Present.

Detailed clinical observation (in the open field) Stage : Pre
Sex : Male Dose : DPDME 0 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
10101	1	1	1	1	0	0	0	0
10102	1	1	1	1	1	1	0	0
10103	1	1	1	1	0	1	0	0
10104	1	1	1	1	1	1	0	0
10105	1	1	1	1	0	0	0	0
10106	1	1	1	1	0	0	0	0
10107	1	1	1	1	0	0	0	0
10108	1	1	1	1	0	0	0	0
10109	1	1	1	1	1	1	0	0
10110	1	1	1	1	0	0	0	0
10111	1	1	1	1	0	1	0	0
10112	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
10101	1	1	1
10102	1	1	1
10103	1	1	1
10104	1	1	1
10105	1	1	1
10106	1	1	1
10107	1	1	1
10108	1	1	1
10109	1	1	1
10110	1	1	1
10111	1	1	1
10112	1	1	1
n	12	12	12

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Pre
Sex : Male Dose : DPDME 40 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
10201	1	1	1	1	1	0	0	0
10202	1	1	1	1	1	1	0	0
10203	1	1	1	1	1	0	0	0
10204	1	1	1	1	1	1	0	0
10205	1	1	1	1	0	0	0	0
10206	1	1	1	1	0	0	0	0
10207	1	1	1	1	0	1	0	0
10208	1	1	1	1	0	1	0	0
10209	1	1	1	1	1	1	0	0
10210	1	1	1	1	0	0	0	0
10211	1	1	1	1	0	0	0	0
10212	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
10201	1	1	1
10202	1	1	1
10203	1	1	1
10204	1	1	1
10205	1	1	1
10206	1	1	1
10207	1	1	1
10208	1	1	1
10209	1	1	1
10210	1	1	1
10211	1	1	1
10212	1	1	1
n	12	12	12

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Pre
Sex : Male Dose : DPDME 200 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
10301	1	1	1	1	1	1	0	0
10302	1	1	1	1	1	1	0	0
10303	1	1	1	1	0	0	0	0
10304	1	1	1	1	1	1	0	0
10305	1	1	1	1	0	0	0	0
10306	1	1	1	1	1	0	0	0
10307	1	1	1	1	1	0	0	0
10308	1	1	1	1	0	0	0	0
10309	1	1	1	1	1	0	0	0
10310	1	1	1	1	1	0	0	0
10311	1	1	1	1	0	0	0	0
10312	1	1	1	1	1	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
10301	1	1	1
10302	1	1	1
10303	1	1	1
10304	1	1	1
10305	1	1	1
10306	1	1	1
10307	1	1	1
10308	1	1	1
10309	1	1	1
10310	1	1	1
10311	1	1	1
10312	1	1	1
n	12	12	12

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Pre
Sex : Male Dose : DPDME 1000 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
10401	1	1	1	1	0	1	0	0
10402	1	1	1	1	0	0	0	0
10403	1	1	1	1	0	0	0	0
10404	1	1	1	1	0	0	0	0
10405	1	1	1	1	0	0	0	0
10406	1	1	1	1	0	0	0	0
10407	1	1	1	1	0	1	0	0
10408	1	1	1	1	0	0	0	0
10409	1	1	1	1	1	1	0	0
10410	1	1	1	1	0	0	0	0
10411	1	1	1	1	0	1	0	0
10412	1	1	1	1	0	1	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
10401	1	1	1
10402	1	1	1
10403	1	1	1
10404	1	1	1
10405	1	1	1
10406	1	1	1
10407	1	1	1
10408	1	1	1
10409	1	1	1
10410	1	1	1
10411	1	1	1
10412	1	1	1
n	12	12	12

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Day 7
Sex : Male Dose : DPDME 0 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
10101	1	1	1	1	1	0	0	0
10102	1	1	1	1	0	0	0	0
10103	1	1	1	1	0	1	0	0
10104	1	1	1	1	1	0	0	0
10105	1	1	1	1	0	0	0	0
10106	1	1	1	1	1	0	0	0
10107	1	1	1	1	1	0	0	0
10108	1	1	1	1	1	1	0	0
10109	1	1	1	1	1	1	0	0
10110	1	1	1	1	1	1	0	0
10111	1	1	1	1	1	0	0	0
10112	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
10101	1	1	1
10102	1	1	1
10103	1	1	1
10104	1	1	1
10105	1	1	1
10106	1	1	1
10107	1	1	1
10108	1	1	1
10109	1	1	1
10110	1	1	1
10111	1	1	1
10112	1	1	1
n	12	12	12

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Day 7
Sex : Male Dose : DPDME 40 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
10201	1	1	1	1	1	1	0	0
10202	1	1	1	1	0	0	0	0
10203	1	1	1	1	0	0	0	0
10204	1	1	1	1	1	1	0	0
10205	1	1	1	1	0	0	0	0
10206	1	1	1	1	0	0	0	0
10207	1	1	1	1	0	0	0	0
10208	1	1	1	1	0	0	0	0
10209	1	1	1	1	1	0	0	0
10210	1	1	1	1	0	0	0	0
10211	1	1	1	1	0	0	0	0
10212	1	1	1	1	0	1	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
10201	1	1	1
10202	1	1	1
10203	1	1	1
10204	1	1	1
10205	1	1	1
10206	1	1	1
10207	1	1	1
10208	1	1	1
10209	1	1	1
10210	1	1	1
10211	1	1	1
10212	1	1	1
n	12	12	12

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Day 7
Sex : Male Dose : DPDME 200 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
10301	1	1	1	1	1	0	0	0
10302	1	1	1	1	0	0	0	0
10303	1	1	1	1	0	0	0	0
10304	1	1	1	1	1	0	0	0
10305	1	1	1	1	1	1	0	0
10306	1	1	1	1	1	0	0	0
10307	1	1	1	1	0	0	0	0
10308	1	1	1	1	1	0	0	0
10309	1	1	1	1	0	0	0	0
10310	1	1	1	1	0	0	0	0
10311	1	1	1	1	1	0	0	0
10312	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
10301	1	1	1
10302	1	1	1
10303	1	1	1
10304	1	1	1
10305	1	1	1
10306	1	1	1
10307	1	1	1
10308	1	1	1
10309	1	1	1
10310	1	1	1
10311	1	1	1
10312	1	1	1
n	12	12	12

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Day 7
Sex : Male Dose : DPDME 1000 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
10401	1	1	1	1	1	0	0	0
10402	1	1	1	1	0	0	0	0
10403	1	1	1	1	0	0	0	0
10404	1	1	1	1	1	0	0	0
10405	1	1	1	1	1	0	0	0
10406	1	1	1	1	0	0	0	0
10407	1	1	1	1	1	0	0	0
10408	1	1	1	1	1	0	0	0
10409	1	1	1	1	1	0	0	0
10410	1	1	1	1	0	0	0	0
10411	1	1	1	1	1	1	0	0
10412	1	1	1	1	1	1	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
10401	1	1	1
10402	1	1	1
10403	1	1	1
10404	1	1	1
10405	1	1	1
10406	1	1	1
10407	1	1	1
10408	1	1	1
10409	1	1	1
10410	1	1	1
10411	1	1	1
10412	1	1	1
n	12	12	12

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Day 14
Sex : Male Dose : DPDME 0 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
10101	1	1	1	1	1	0	0	0
10102	1	1	1	1	0	0	0	0
10103	1	1	1	1	0	1	0	0
10104	1	1	1	1	1	0	0	0
10105	1	1	1	1	1	0	0	0
10106	1	1	1	1	1	0	0	0
10107	1	1	1	1	0	0	0	0
10108	1	1	1	1	1	0	0	0
10109	1	1	1	1	1	1	0	0
10110	1	1	1	1	0	1	0	0
10111	1	1	1	1	1	0	0	0
10112	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
10101	1	1	1
10102	1	1	1
10103	1	1	1
10104	1	1	1
10105	1	1	1
10106	1	1	1
10107	1	1	1
10108	1	1	1
10109	1	1	1
10110	1	1	1
10111	1	1	1
10112	1	1	1
n	12	12	12

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Day 14
Sex : Male Dose : DPDME 40 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
10201	1	1	1	1	0	1	0	0
10202	1	1	1	1	0	0	0	0
10203	1	1	1	1	0	0	0	0
10204	1	1	1	1	0	1	0	0
10205	1	1	1	1	0	0	0	0
10206	1	1	1	1	0	0	0	0
10207	1	1	1	1	1	0	0	0
10208	1	1	1	1	1	0	0	0
10209	1	1	1	1	0	0	0	0
10210	1	1	1	1	0	0	0	0
10211	1	1	1	1	1	0	0	0
10212	1	1	1	1	1	1	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
10201	1	1	1
10202	1	1	1
10203	1	1	1
10204	1	1	1
10205	1	1	1
10206	1	1	1
10207	1	1	1
10208	1	1	1
10209	1	1	1
10210	1	1	1
10211	1	1	1
10212	1	1	1
n	12	12	12

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Day 14
Sex : Male Dose : DPDME 200 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
10301	1	1	1	1	0	0	0	0
10302	1	1	1	1	0	0	0	0
10303	1	1	1	1	0	0	0	0
10304	1	1	1	1	1	0	0	0
10305	1	1	1	1	1	0	0	0
10306	1	1	1	1	0	0	0	0
10307	1	1	1	1	1	0	0	0
10308	1	1	1	1	1	0	0	0
10309	1	1	1	1	1	1	0	0
10310	1	1	1	1	0	0	0	0
10311	1	1	1	1	0	0	0	0
10312	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
10301	1	1	1
10302	1	1	1
10303	1	1	1
10304	1	1	1
10305	1	1	1
10306	1	1	1
10307	1	1	1
10308	1	1	1
10309	1	1	1
10310	1	1	1
10311	1	1	1
10312	1	1	1
n	12	12	12

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Day 14
Sex : Male Dose : DPDME 1000 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
10401	1	1	1	1	1	0	0	0
10402	1	1	1	1	0	1	0	0
10403	1	1	1	1	0	0	0	0
10404	1	1	1	1	1	0	0	0
10405	1	1	1	1	0	0	1	0
10406	1	1	1	1	0	0	0	0
10407	1	1	1	1	1	1	0	0
10408	1	1	1	1	0	0	0	0
10409	1	1	1	1	1	1	0	0
10410	1	1	1	1	1	0	0	0
10411	1	1	1	1	1	1	0	0
10412	1	1	1	1	1	1	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
10401	1	1	1
10402	1	1	1
10403	1	1	1
10404	1	1	1
10405	1	1	1
10406	1	1	1
10407	1	1	1
10408	1	1	1
10409	1	1	1
10410	1	1	1
10411	1	1	1
10412	1	1	1
n	12	12	12

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Day 21
Sex : Male Dose : DPDME 0 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
10101	1	1	1	1	1	0	0	0
10102	1	1	1	1	1	0	0	0
10103	1	1	1	1	0	1	0	0
10104	1	1	1	1	1	1	0	0
10105	1	1	1	1	1	0	0	0
10106	1	1	1	1	0	0	0	0
10107	1	1	1	1	0	1	0	0
10108	1	1	1	1	1	0	0	0
10109	1	1	1	1	1	1	0	0
10110	1	1	1	1	0	0	0	0
10111	1	1	1	1	1	0	0	0
10112	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
10101	1	1	1
10102	1	1	1
10103	1	1	1
10104	1	1	1
10105	1	1	1
10106	1	1	1
10107	1	1	1
10108	1	1	1
10109	1	1	1
10110	1	1	1
10111	1	1	1
10112	1	1	1
n	12	12	12

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Day 21
Sex : Male Dose : DPDME 40 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
10201	1	1	1	1	0	1	0	0
10202	1	1	1	1	0	0	0	0
10203	1	1	1	1	0	0	0	0
10204	1	1	1	1	1	1	0	0
10205	1	1	1	1	0	0	0	0
10206	1	1	1	1	1	0	0	0
10207	1	1	1	1	1	0	0	0
10208	1	1	1	1	0	0	0	0
10209	1	1	1	1	0	0	0	0
10210	1	1	1	1	0	0	0	0
10211	1	1	1	1	0	0	0	0
10212	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
10201	1	1	1
10202	1	1	1
10203	1	1	1
10204	1	1	1
10205	1	1	1
10206	1	1	1
10207	1	1	1
10208	1	1	1
10209	1	1	1
10210	1	1	1
10211	1	1	1
10212	1	1	1
n	12	12	12

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Day 21
Sex : Male Dose : DPDME 200 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
10301	1	1	1	1	0	0	0	0
10302	1	1	1	1	1	0	0	0
10303	1	1	1	1	0	0	0	0
10304	1	1	1	1	0	0	0	0
10305	1	1	1	1	0	1	0	0
10306	1	1	1	1	0	0	0	0
10307	1	1	1	1	0	0	0	0
10308	1	1	1	1	0	0	0	0
10309	1	1	1	1	0	0	0	0
10310	1	1	1	1	1	0	0	0
10311	1	1	1	1	0	0	0	0
10312	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
10301	1	1	1
10302	1	1	1
10303	1	1	1
10304	1	1	1
10305	1	1	1
10306	1	1	1
10307	1	1	1
10308	1	1	1
10309	1	1	1
10310	1	1	1
10311	1	1	1
10312	1	1	1
n	12	12	12

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Day 21
Sex : Male Dose : DPDME 1000 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
10401	1	1	1	1	1	0	0	0
10402	1	1	1	1	0	0	0	0
10403	1	1	1	1	0	0	0	0
10404	1	1	1	1	1	1	0	0
10405	1	1	1	1	1	0	0	0
10406	1	1	1	1	1	0	0	0
10407	1	1	1	1	1	0	0	0
10408	1	1	1	1	1	0	0	0
10409	1	1	1	1	1	0	0	0
10410	1	1	1	1	1	0	0	0
10411	1	1	1	1	1	1	0	0
10412	1	1	1	1	0	1	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
10401	1	1	1
10402	1	1	1
10403	1	1	1
10404	1	1	1
10405	1	1	1
10406	1	1	1
10407	1	1	1
10408	1	1	1
10409	1	1	1
10410	1	1	1
10411	1	1	1
10412	1	1	1
n	12	12	12

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Day 28
Sex : Male Dose : DPDME 0 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
10101	1	1	1	1	1	0	0	0
10102	1	1	1	1	1	0	0	0
10103	1	1	1	1	0	0	0	0
10104	1	1	1	1	1	0	0	0
10105	1	1	1	1	1	0	0	0
10106	1	1	1	1	0	0	0	0
10107	1	1	1	1	0	0	0	0
10108	1	1	1	1	1	1	0	0
10109	1	1	1	1	1	0	0	0
10110	1	1	1	1	0	0	0	0
10111	1	1	1	1	1	0	0	0
10112	1	1	1	1	1	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
10101	1	1	1
10102	1	1	1
10103	1	1	1
10104	1	1	1
10105	1	1	1
10106	1	1	1
10107	1	1	1
10108	1	1	1
10109	1	1	1
10110	1	1	1
10111	1	1	1
10112	1	1	1
n	12	12	12

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Day 28
Sex : Male Dose : DPDME 40 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
10201	1	1	1	1	0	0	0	0
10202	1	1	1	1	0	0	0	0
10203	1	1	1	1	0	0	0	0
10204	1	1	1	1	0	0	0	0
10205	1	1	1	1	0	0	0	0
10206	1	1	1	1	0	0	0	0
10207	1	1	1	1	0	0	0	0
10208	1	1	1	1	0	0	0	0
10209	1	1	1	1	0	0	0	0
10210	1	1	1	1	0	0	0	0
10211	1	1	1	1	0	0	0	0
10212	1	1	1	1	0	1	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
10201	1	1	1
10202	1	1	1
10203	1	1	1
10204	1	1	1
10205	1	1	1
10206	1	1	1
10207	1	1	1
10208	1	1	1
10209	1	1	1
10210	1	1	1
10211	1	1	1
10212	1	1	1
n	12	12	12

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Day 28
Sex : Male Dose : DPDME 200 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
10301	1	1	1	1	1	0	0	0
10302	1	1	1	1	0	0	0	0
10303	1	1	1	1	0	0	0	0
10304	1	1	1	1	0	0	0	0
10305	1	1	1	1	0	0	0	0
10306	1	1	1	1	0	0	0	0
10307	1	1	1	1	1	0	0	0
10308	1	1	1	1	0	0	0	0
10309	1	1	1	1	0	0	0	0
10310	1	1	1	1	1	0	0	0
10311	1	1	1	1	0	0	0	0
10312	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
10301	1	1	1
10302	1	1	1
10303	1	1	1
10304	1	1	1
10305	1	1	1
10306	1	1	1
10307	1	1	1
10308	1	1	1
10309	1	1	1
10310	1	1	1
10311	1	1	1
10312	1	1	1
n	12	12	12

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Day 28
Sex : Male Dose : DPDME 1000 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
10401	1	1	1	1	1	0	0	0
10402	1	1	1	1	0	0	0	0
10403	1	1	1	1	0	0	0	0
10404	1	1	1	1	0	0	0	0
10405	1	1	1	1	0	0	0	0
10406	1	1	1	1	1	0	0	0
10407	1	1	1	1	0	1	0	0
10408	1	1	1	1	1	0	0	0
10409	1	1	1	1	1	0	0	0
10410	1	1	1	1	1	1	0	0
10411	1	1	1	1	1	0	0	0
10412	1	1	1	1	0	1	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
10401	1	1	1
10402	1	1	1
10403	1	1	1
10404	1	1	1
10405	1	1	1
10406	1	1	1
10407	1	1	1
10408	1	1	1
10409	1	1	1
10410	1	1	1
10411	1	1	1
10412	1	1	1
n	12	12	12

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Pre
Sex : Female Dose : DPDME 0 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50151	1	1	1	1	0	0	0	0
50152	1	1	1	1	0	0	0	0
50153	1	1	1	1	0	1	0	0
50154	1	1	1	1	0	0	0	0
50155	1	1	1	1	0	0	0	0
50156	1	1	1	1	0	0	0	0
50157	1	1	1	1	0	0	0	0
50158	1	1	1	1	0	0	0	0
50159	1	1	1	1	0	0	0	0
50160	1	1	1	1	0	0	0	0
50161	1	1	1	1	0	0	0	0
50162	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
50151	1	1	1
50152	1	1	1
50153	1	1	1
50154	1	1	1
50155	1	1	1
50156	1	1	1
50157	1	1	1
50158	1	1	1
50159	1	1	1
50160	1	1	1
50161	1	1	1
50162	1	1	1
n	12	12	12

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Pre
Sex : Female Dose : DPDME 40 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50251	1	1	1	1	0	0	0	0
50252	1	1	1	1	0	0	0	0
50253	1	1	1	1	0	0	0	0
50254	1	1	1	1	0	0	0	0
50255	1	1	1	1	0	0	0	0
50256	1	1	1	1	0	0	0	0
50257	1	1	1	1	0	0	0	0
50258	1	1	1	1	0	0	0	0
50259	1	1	1	1	0	0	0	0
50260	1	1	1	1	0	0	0	0
50261	1	1	1	1	0	0	0	0
50262	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
50251	1	1	1
50252	1	1	1
50253	1	1	1
50254	1	1	1
50255	1	1	1
50256	1	1	1
50257	1	1	1
50258	1	1	1
50259	1	1	1
50260	1	1	1
50261	1	1	1
50262	1	1	1
n	12	12	12

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Pre
Sex : Female Dose : DPDME 200 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50351	1	1	1	1	0	0	0	0
50352	1	1	1	1	0	0	0	0
50353	1	1	1	1	0	0	0	0
50354	1	1	1	1	0	0	0	0
50355	1	1	1	1	0	0	0	0
50356	1	1	1	1	0	0	0	0
50357	1	1	1	1	0	0	0	0
50358	1	1	1	1	0	0	0	0
50359	1	1	1	1	0	0	0	0
50360	1	1	1	1	0	0	0	0
50361	1	1	1	1	0	0	0	0
50362	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
50351	1	1	1
50352	1	1	1
50353	1	1	1
50354	1	1	1
50355	1	1	1
50356	1	1	1
50357	1	1	1
50358	1	1	1
50359	1	1	1
50360	1	1	1
50361	1	1	1
50362	1	1	1
n	12	12	12

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Pre
Sex : Female Dose : DPDME 1000 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50451	1	1	1	1	0	0	0	0
50452	1	1	1	1	0	0	0	0
50453	1	1	1	1	0	0	0	0
50454	1	1	1	1	0	0	0	0
50455	1	1	1	1	0	0	0	0
50456	1	1	1	1	0	0	0	0
50457	1	1	1	1	0	0	0	0
50458	1	1	1	1	0	0	0	0
50459	1	1	1	1	0	0	0	0
50460	1	1	1	1	1	1	0	0
50461	1	1	1	1	0	0	0	0
50462	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
50451	1	1	1
50452	1	1	1
50453	1	1	1
50454	1	1	1
50455	1	1	1
50456	1	1	1
50457	1	1	1
50458	1	1	1
50459	1	1	1
50460	1	1	1
50461	1	1	1
50462	1	1	1
n	12	12	12

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Day 7
Sex : Female Dose : DPDME 0 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50151	1	1	1	1	0	0	0	0
50152	1	1	1	1	0	0	0	0
50153	1	1	1	1	0	0	0	0
50154	1	1	1	1	0	0	0	0
50155	1	1	1	1	0	0	0	0
50156	1	1	1	1	0	0	0	0
50157	1	1	1	1	0	0	0	0
50158	1	1	1	1	0	0	0	0
50159	1	1	1	1	0	0	0	0
50160	1	1	1	1	0	0	0	0
50161	1	1	1	1	0	0	0	0
50162	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
50151	1	1	1
50152	1	1	1
50153	1	1	1
50154	1	1	1
50155	1	1	1
50156	1	1	1
50157	1	1	1
50158	1	1	1
50159	1	1	1
50160	1	1	1
50161	1	1	1
50162	1	1	1
n	12	12	12

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Day 7
Sex : Female Dose : DPDME 40 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50251	1	1	1	1	0	0	0	0
50252	1	1	1	1	0	0	0	0
50253	1	1	1	1	0	0	0	0
50254	1	1	1	1	0	0	0	0
50255	1	1	1	1	0	0	0	0
50256	1	1	1	1	0	0	0	0
50257	1	1	1	1	0	0	0	0
50258	1	1	1	1	0	0	0	0
50259	1	1	1	1	0	0	0	0
50260	1	1	1	1	0	0	0	0
50261	1	1	1	1	0	0	0	0
50262	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
50251	1	1	1
50252	1	1	1
50253	1	1	1
50254	1	1	1
50255	1	1	1
50256	1	1	1
50257	1	1	1
50258	1	1	1
50259	1	1	1
50260	1	1	1
50261	1	1	1
50262	1	1	1
n	12	12	12

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Day 7
Sex : Female Dose : DPDME 200 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50351	1	1	1	1	0	0	0	0
50352	1	1	1	1	0	0	0	0
50353	1	1	1	1	0	0	0	0
50354	1	1	1	1	0	0	0	0
50355	1	1	1	1	0	0	0	0
50356	1	1	1	1	0	0	0	0
50357	1	1	1	1	0	0	0	0
50358	1	1	1	1	1	0	0	0
50359	1	1	1	1	0	0	0	0
50360	1	1	1	1	0	0	0	0
50361	1	1	1	1	0	0	0	0
50362	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
50351	1	1	1
50352	1	1	1
50353	1	1	1
50354	1	1	1
50355	1	1	1
50356	1	1	1
50357	1	1	1
50358	1	1	1
50359	1	1	1
50360	1	1	1
50361	1	1	1
50362	1	1	1
n	12	12	12

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Day 7
Sex : Female Dose : DPDME 1000 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50451	1	1	1	1	0	0	0	0
50452	1	1	1	1	0	0	0	0
50453	1	1	1	1	0	0	0	0
50454	1	1	1	1	0	0	0	0
50455	1	1	1	1	0	0	0	0
50456	1	1	1	1	0	0	0	0
50457	1	1	1	1	0	0	0	0
50458	1	1	1	1	0	0	0	0
50459	1	1	1	1	0	0	0	0
50460	1	1	1	1	0	0	0	0
50461	1	1	1	1	0	0	0	0
50462	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
50451	1	1	1
50452	1	1	1
50453	1	1	1
50454	1	1	1
50455	1	1	1
50456	1	1	1
50457	1	1	1
50458	1	1	1
50459	1	1	1
50460	1	1	1
50461	1	1	1
50462	1	1	1
n	12	12	12

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Day 14
Sex : Female Dose : DPDME 0 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50151	1	1	1	1	0	0	0	0
50152	1	1	1	1	0	0	0	0
50153	1	1	1	1	0	1	0	0
50154	1	1	1	1	0	0	0	0
50155	1	1	1	1	0	0	0	0
50156	1	1	1	1	0	0	0	0
50157	1	1	1	1	0	0	0	0
50158	1	1	1	1	0	0	0	0
50159	1	1	1	1	0	0	0	0
50160	1	1	1	1	0	0	0	0
50161	1	1	1	1	0	0	0	0
50162	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
50151	1	1	1
50152	1	1	1
50153	1	1	1
50154	1	1	1
50155	1	1	1
50156	1	1	1
50157	1	1	1
50158	1	1	1
50159	1	1	1
50160	1	1	1
50161	1	1	1
50162	1	1	1
n	12	12	12

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Day 14
Sex : Female Dose : DPDME 40 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50251	1	1	1	1	0	0	0	0
50252	1	1	1	1	0	0	0	0
50253	1	1	1	1	0	0	0	0
50254	1	1	1	1	0	0	0	0
50255	1	1	1	1	0	0	0	0
50256	1	1	1	1	0	0	0	0
50257	1	1	1	1	0	0	0	0
50258	1	1	1	1	0	0	0	0
50259	1	1	1	1	0	0	0	0
50260	1	1	1	1	0	0	0	0
50261	1	1	1	1	0	0	0	0
50262	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
50251	1	1	1
50252	1	1	1
50253	1	1	1
50254	1	1	1
50255	1	1	1
50256	1	1	1
50257	1	1	1
50258	1	1	1
50259	1	1	1
50260	1	1	1
50261	1	1	1
50262	1	1	1
n	12	12	12

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Day 14
Sex : Female Dose : DPDME 200 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50351	1	1	1	1	0	0	0	0
50352	1	1	1	1	0	0	0	0
50353	1	1	1	1	0	0	0	0
50354	1	1	1	1	0	0	0	0
50355	1	1	1	1	0	0	0	0
50356	1	1	1	1	0	0	0	0
50357	1	1	1	1	0	0	0	0
50358	1	1	1	1	0	0	0	0
50359	1	1	1	1	0	0	0	0
50360	1	1	1	1	0	0	0	0
50361	1	1	1	1	0	0	0	0
50362	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
50351	1	1	1
50352	1	1	1
50353	1	1	1
50354	1	1	1
50355	1	1	1
50356	1	1	1
50357	1	1	1
50358	1	1	1
50359	1	1	1
50360	1	1	1
50361	1	1	1
50362	1	1	1
n	12	12	12

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Day 14
Sex : Female Dose : DPDME 1000 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50451	1	1	1	1	0	0	0	0
50452	1	1	1	1	0	0	0	0
50453	1	1	1	1	0	0	0	0
50454	1	1	1	1	0	0	0	0
50455	1	1	1	1	0	0	0	0
50456	1	1	1	1	0	0	0	0
50457	1	1	1	1	0	0	0	0
50458	1	1	1	1	0	0	0	0
50459	1	1	1	1	0	0	0	0
50460	1	1	1	1	0	0	0	0
50461	1	1	1	1	0	0	0	0
50462	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
50451	1	1	1
50452	1	1	1
50453	1	1	1
50454	1	1	1
50455	1	1	1
50456	1	1	1
50457	1	1	1
50458	1	1	1
50459	1	1	1
50460	1	1	1
50461	1	1	1
50462	1	1	1
n	12	12	12

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Day 21
Sex : Female Dose : DPDME 0 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50151	1	1	1	1	0	0	0	0
50152	1	1	1	1	0	0	0	0
50153	1	1	1	1	0	1	0	0
50154	1	1	1	1	0	0	0	0
50155	1	1	1	1	0	0	0	0
50156	1	1	1	1	0	0	0	0
50157	1	1	1	1	0	0	0	0
50158	1	1	1	1	0	0	0	0
50159	1	1	1	1	0	0	0	0
50160	1	1	1	1	0	0	0	0
50161	1	1	1	1	0	0	0	0
50162	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
50151	1	1	1
50152	1	1	1
50153	1	1	1
50154	1	1	1
50155	1	1	1
50156	1	1	1
50157	1	1	1
50158	1	1	1
50159	1	1	1
50160	1	1	1
50161	1	1	1
50162	1	1	1
n	12	12	12

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Day 21
Sex : Female Dose : DPDME 40 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50251	1	1	1	1	0	0	0	0
50252	1	1	1	1	0	0	0	0
50253	1	1	1	1	0	0	0	0
50254	1	1	1	1	0	0	0	0
50255	1	1	1	1	0	0	0	0
50256	1	1	1	1	0	0	0	0
50257	1	1	1	1	0	0	0	0
50258	1	1	1	1	0	0	0	0
50259	1	1	1	1	0	0	0	0
50260	1	1	1	1	1	0	0	0
50261	1	1	1	1	0	0	0	0
50262	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
50251	1	1	1
50252	1	1	1
50253	1	1	1
50254	1	1	1
50255	1	1	1
50256	1	1	1
50257	1	1	1
50258	1	1	1
50259	1	1	1
50260	1	1	1
50261	1	1	1
50262	1	1	1
n	12	12	12

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Day 21
Sex : Female Dose : DPDME 200 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50351	1	1	1	1	0	0	0	0
50352	1	1	1	1	0	0	0	0
50353	1	1	1	1	0	0	0	0
50354	1	1	1	1	0	0	0	0
50355	1	1	1	1	0	0	0	0
50356	1	1	1	1	0	0	0	0
50357	1	1	1	1	0	0	0	0
50358	1	1	1	1	0	0	0	0
50359	1	1	1	1	0	0	0	0
50360	1	1	1	1	0	0	0	0
50361	1	1	1	1	0	0	0	0
50362	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
50351	1	1	1
50352	1	1	1
50353	1	1	1
50354	1	1	1
50355	1	1	1
50356	1	1	1
50357	1	1	1
50358	1	1	1
50359	1	1	1
50360	1	1	1
50361	1	1	1
50362	1	1	1
n	12	12	12

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Day 21
Sex : Female Dose : DPDME 1000 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50451	1	1	1	1	0	0	0	0
50452	1	1	1	1	0	0	0	0
50453	1	1	1	1	0	0	0	0
50454	1	1	1	1	0	0	0	0
50455	1	1	1	1	0	1	0	0
50456	1	1	1	1	0	0	0	0
50457	1	1	1	1	0	0	0	0
50458	1	1	1	1	0	0	0	0
50459	1	1	1	1	0	0	0	0
50460	1	1	1	1	1	0	0	0
50461	1	1	1	1	0	0	0	0
50462	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
50451	1	1	1
50452	1	1	1
50453	1	1	1
50454	1	1	1
50455	1	1	1
50456	1	1	1
50457	1	1	1
50458	1	1	1
50459	1	1	1
50460	1	1	1
50461	1	1	1
50462	1	1	1
n	12	12	12

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Day 28
Sex : Female Dose : DPDME 0 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50151	1	1	1	1	1	0	0	0
50152	1	1	1	1	0	0	0	0
50153	1	1	1	1	0	0	0	0
50154	1	1	1	1	0	0	0	0
50155	1	1	1	1	0	0	0	0
50156	1	1	1	1	0	0	0	0
50157	1	1	1	1	0	0	0	0
50158	1	1	1	1	0	0	0	0
50159	1	1	1	1	0	0	0	0
50160	1	1	1	1	0	0	0	0
50161	1	1	1	1	0	0	0	0
50162	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
50151	1	1	1
50152	1	1	1
50153	1	1	1
50154	1	1	1
50155	1	1	1
50156	1	1	1
50157	1	1	1
50158	1	1	1
50159	1	1	1
50160	1	1	1
50161	1	1	1
50162	1	1	1
n	12	12	12

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Day 28
Sex : Female Dose : DPDME 40 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50251	1	1	1	1	0	0	0	0
50252	1	1	1	1	0	0	0	0
50253	1	1	1	1	0	0	0	0
50254	1	1	1	1	0	0	0	0
50255	1	1	1	1	0	0	0	0
50256	1	1	1	1	0	0	0	0
50257	1	1	1	1	0	0	0	0
50258	1	1	1	1	0	0	0	0
50259	1	1	1	1	0	0	0	0
50260	1	1	1	1	0	0	0	0
50261	1	1	1	1	0	0	0	0
50262	1	1	1	1	1	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
50251	1	1	1
50252	1	1	1
50253	1	1	1
50254	1	1	1
50255	1	1	1
50256	1	1	1
50257	1	1	1
50258	1	1	1
50259	1	1	1
50260	1	1	1
50261	1	1	1
50262	1	1	1
n	12	12	12

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Day 28
Sex : Female Dose : DPDME 200 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50351	1	1	1	1	0	0	0	0
50352	1	1	1	1	0	0	0	0
50353	1	1	1	1	0	0	0	0
50354	1	1	1	1	0	0	0	0
50355	1	1	1	1	0	0	0	0
50356	1	1	1	1	0	0	0	0
50357	1	1	1	1	0	0	0	0
50358	1	1	1	1	0	0	0	0
50359	1	1	1	1	0	0	0	0
50360	1	1	1	1	0	0	0	0
50361	1	1	1	1	0	0	0	0
50362	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
50351	1	1	1
50352	1	1	1
50353	1	1	1
50354	1	1	1
50355	1	1	1
50356	1	1	1
50357	1	1	1
50358	1	1	1
50359	1	1	1
50360	1	1	1
50361	1	1	1
50362	1	1	1
n	12	12	12

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Day 28
Sex : Female Dose : DPDME 1000 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50451	1	1	1	1	0	0	0	0
50452	1	1	1	1	0	0	0	0
50453	1	1	1	1	0	0	0	0
50454	1	1	1	1	0	0	0	0
50455	1	1	1	1	0	0	0	0
50456	1	1	1	1	0	0	0	0
50457	1	1	1	1	1	0	0	0
50458	1	1	1	1	0	0	0	0
50459	1	1	1	1	0	0	0	0
50460	1	1	1	1	0	0	0	0
50461	1	1	1	1	0	0	0	0
50462	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
50451	1	1	1
50452	1	1	1
50453	1	1	1
50454	1	1	1
50455	1	1	1
50456	1	1	1
50457	1	1	1
50458	1	1	1
50459	1	1	1
50460	1	1	1
50461	1	1	1
50462	1	1	1
n	12	12	12

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Day 35
Sex : Female Dose : DPDME 0 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50151	1	1	1	1	0	0	0	0
50152	1	1	1	1	0	0	0	0
50153	1	1	1	1	1	1	0	0
50154	1	1	1	1	0	0	0	0
50155	1	1	1	1	0	0	0	0
50156	1	1	1	1	0	0	0	0
50157	1	1	1	1	0	0	0	0
50158	1	1	1	1	0	0	0	0
50159	1	1	1	1	0	0	0	0
50160	1	1	1	1	0	0	0	0
50161	1	1	1	1	0	0	0	0
50162	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
50151	1	1	1
50152	1	1	1
50153	1	1	1
50154	1	1	1
50155	1	1	1
50156	1	1	1
50157	1	1	1
50158	1	1	1
50159	1	1	1
50160	1	1	1
50161	1	1	1
50162	1	1	1
n	12	12	12

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Day 35
Sex : Female Dose : DPDME 40 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50251	1	1	1	1	0	0	0	0
50252	1	1	1	1	0	0	0	0
50253	1	1	1	1	0	0	0	0
50254	1	1	1	1	1	0	0	0
50255	1	1	1	1	0	0	0	0
50256	1	1	1	1	0	0	0	0
50257	1	1	1	1	0	0	0	0
50258	1	1	1	1	0	0	0	0
50259	1	1	1	1	0	0	0	0
50260	1	1	1	1	0	0	0	0
50261	1	1	1	1	0	0	0	0
50262	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
50251	1	1	1
50252	1	1	1
50253	1	1	1
50254	1	1	1
50255	1	1	1
50256	1	1	1
50257	1	1	1
50258	1	1	1
50259	1	1	1
50260	1	1	1
50261	1	1	1
50262	1	1	1
n	12	12	12

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Day 35
Sex : Female Dose : DPDME 200 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50351	1	1	1	1	0	0	0	0
50352	1	1	1	1	0	0	0	0
50353	1	1	1	1	0	0	0	0
50354	1	1	1	1	0	0	0	0
50355	1	1	1	1	0	0	0	0
50356	1	1	1	1	0	1	0	0
50357	1	1	1	1	0	0	0	0
50358	1	1	1	1	0	0	0	0
50359	1	1	1	1	0	0	0	0
50360	1	1	1	1	0	0	0	0
50361	1	1	1	1	0	0	0	0
50362	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
50351	1	1	1
50352	1	1	1
50353	1	1	1
50354	1	1	1
50355	1	1	1
50356	1	1	1
50357	1	1	1
50358	1	1	1
50359	1	1	1
50360	1	1	1
50361	1	1	1
50362	1	1	1
n	12	12	12

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Day 35
Sex : Female Dose : DPDME 1000 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50451	1	1	1	1	0	0	0	0
50452	1	1	1	1	0	0	0	0
50453	1	1	1	1	0	1	0	0
50454	1	1	1	1	0	0	0	0
50455	1	1	1	1	0	0	0	0
50456	1	1	1	1	0	0	0	0
50457	1	1	1	1	0	0	0	0
50458	1	1	1	1	0	0	0	0
50459	1	1	1	1	0	0	0	0
50460	1	1	1	1	0	0	0	0
50461	1	1	1	1	0	0	0	0
50462	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
50451	1	1	1
50452	1	1	1
50453	1	1	1
50454	1	1	1
50455	1	1	1
50456	1	1	1
50457	1	1	1
50458	1	1	1
50459	1	1	1
50460	1	1	1
50461	1	1	1
50462	1	1	1
n	12	12	12

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Day 42
Sex : Female Dose : DPDME 0 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50151	1	1	1	1	0	0	0	0
50152	1	1	1	1	0	0	0	0
50153	1	1	1	1	0	0	0	0
50154	1	1	1	1	0	0	0	0
50155	1	1	1	1	0	0	0	0
50156	1	1	1	1	0	0	0	0
50157	1	1	1	1	0	0	0	0
50158	1	1	1	1	0	0	0	0
50159	1	1	1	1	0	0	0	0
50160	1	1	1	1	0	0	0	0
50161	1	1	1	1	0	0	0	0
50162	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
50151	1	1	1
50152	1	1	1
50153	1	1	1
50154	1	1	1
50155	1	1	1
50156	1	1	1
50157	1	1	1
50158	1	1	1
50159	1	1	1
50160	1	1	1
50161	1	1	1
50162	1	1	1
n	12	12	12

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Day 42
Sex : Female Dose : DPDME 40 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50251	1	1	1	1	0	0	0	0
50252	1	1	1	1	1	0	0	0
50253	1	1	1	1	0	0	0	0
50254	1	1	1	1	0	0	0	0
50255	1	1	1	1	0	0	0	0
50256	1	1	1	1	0	0	0	0
50257	1	1	1	1	0	0	0	0
50258	1	1	1	1	0	0	0	0
50259	1	1	1	1	0	0	0	0
50260	1	1	1	1	0	0	0	0
50261	1	1	1	1	0	0	0	0
50262	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
50251	1	1	1
50252	1	1	1
50253	1	1	1
50254	1	1	1
50255	1	1	1
50256	1	1	1
50257	1	1	1
50258	1	1	1
50259	1	1	1
50260	1	1	1
50261	1	1	1
50262	1	1	1
n	12	12	12

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Day 42
Sex : Female Dose : DPDME 200 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50351	1	1	1	1	0	0	0	0
50352	1	1	1	1	0	0	0	0
50353	1	1	1	1	0	0	0	0
50354	1	1	1	1	0	0	0	0
50355	1	1	1	1	0	0	0	0
50356	1	1	1	1	0	0	0	0
50357	1	1	1	1	0	0	0	0
50358	1	1	1	1	0	0	0	0
50359	1	1	1	1	1	0	0	0
50360	1	1	1	1	0	0	0	0
50361	1	1	1	1	0	0	0	0
50362	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
50351	1	1	1
50352	1	1	1
50353	1	1	1
50354	1	1	1
50355	1	1	1
50356	1	1	1
50357	1	1	1
50358	1	1	1
50359	1	1	1
50360	1	1	1
50361	1	1	1
50362	1	1	1
n	12	12	12

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Day 42
Sex : Female Dose : DPDME 1000 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50451	1	1	1	1	0	0	0	0
50452	1	1	1	1	0	0	0	0
50453	1	1	1	1	1	1	0	0
50454	1	1	1	1	0	0	0	0
50455	1	1	1	1	0	0	0	0
50456	1	1	1	1	0	0	0	0
50457	1	1	1	1	0	0	0	0
50458	1	1	1	1	0	0	0	0
50459	1	1	1	1	0	0	0	0
50460	1	1	1	1	1	0	0	0
50461	1	1	1	1	0	0	0	0
50462	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
50451	1	1	1
50452	1	1	1
50453	1	1	1
50454	1	1	1
50455	1	1	1
50456	1	1	1
50457	1	1	1
50458	1	1	1
50459	1	1	1
50460	1	1	1
50461	1	1	1
50462	1	1	1
n	12	12	12

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Day 49
Sex : Female Dose : DPDME 0 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50151	1	1	1	1	0	0	0	0
50152	1	1	1	1	0	0	0	0
50153	1	1	1	1	1	0	0	0
50154	1	1	1	1	0	0	0	0
50155	1	1	1	1	0	0	0	0
50156	1	1	1	1	0	0	0	0
50157	1	1	1	1	0	0	0	0
50158	1	1	1	1	0	0	0	0
50159	1	1	1	1	0	0	0	0
50160	1	1	1	1	0	0	0	0
50161	1	1	1	1	0	0	0	0
50162	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
50151	1	1	1
50152	1	1	1
50153	1	1	1
50154	1	1	1
50155	1	1	1
50156	1	1	1
50157	1	1	1
50158	1	1	1
50159	1	1	1
50160	1	1	1
50161	1	1	1
50162	1	1	1
n	12	12	12

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Day 49
Sex : Female Dose : DPDME 40 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50251	1	1	1	1	0	0	0	0
50252	1	1	1	1	0	0	0	0
50253	1	1	1	1	0	0	0	0
50254	1	1	1	1	0	0	0	0
50255	1	1	1	1	0	0	0	0
50256	1	1	1	1	0	0	0	0
50257	1	1	1	1	0	0	0	0
50258	1	1	1	1	0	0	0	0
50259	1	1	1	1	0	0	0	0
50260	1	1	1	1	0	0	0	0
50261	1	1	1	1	0	0	0	0
50262	1	1	1	1	0	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
50251	1	1	1
50252	1	1	1
50253	1	1	1
50254	1	1	1
50255	1	1	1
50256	1	1	1
50257	1	1	1
50258	1	1	1
50259	1	1	1
50260	1	1	1
50261	1	1	1
50262	1	1	1
n	12	12	12

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Day 49
Sex : Female Dose : DPDME 200 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50351	1	1	1	1	0	0	0	0
50352	1	1	1	1	0	0	0	0
50353	1	1	1	1	0	0	0	0
50354	1	1	1	1	0	0	0	0
50355	1	1	1	1	0	0	0	0
50356	1	1	1	1	0	0	0	0
50357	1	1	1	1	0	0	0	0
50358	1	1	1	1	0	0	0	0
50359	1	1	1	1	0	0	0	0
50360	1	1	1	1	0	0	0	0
50361	1	1	1	1	0	0	0	0
50362	1	1	1	1	1	0	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
50351	1	1	1
50352	1	1	1
50353	1	1	1
50354	1	1	1
50355	1	1	1
50356	1	1	1
50357	1	1	1
50358	1	1	1
50359	1	1	1
50360	1	1	1
50361	1	1	1
50362	1	1	1
n	12	12	12

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Day 49
Sex : Female Dose : DPDME 1000 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50451	1	1	1	1	0	0	0	0
50452	1	1	1	1	0	0	0	0
50453	1	1	1	1	0	0	0	0
50454	1	1	1	1	0	0	0	0
50455	1	1	1	1	0	0	0	0
50456	1	1	1	1	0	0	0	0
50457	1	1	1	1	0	0	0	0
50458	1	1	1	1	1	0	0	0
50459	1	1	1	1	0	1	0	0
50460	1	1	1	1	0	0	0	0
50461	1	1	1	1	0	0	1	0
50462	1	1	1	1	0	1	0	0
n	12	12	12	12	12	12	12	12

Animal No.	Walking backward	Vocalization	Aggression
50451	1	1	1
50452	1	1	1
50453	1	1	1
50454	1	1	1
50455	1	1	1
50456	1	1	1
50457	1	1	1
50458	1	1	1
50459	1	1	1
50460	1	1	1
50461	1	1	1
50462	1	1	1
n	12	12	12

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Pre
Sex : Female (satellite) Dose : DPDME 0 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50551	1	1	1	1	0	0	0	0
50552	1	1	1	1	0	0	0	0
50553	1	1	1	1	0	0	0	0
50554	1	1	1	1	0	1	0	0
50555	1	1	1	1	0	0	0	0
50556	1	1	1	1	0	0	0	0
50557	1	1	1	1	0	0	0	0
50558	1	1	1	1	1	0	0	0
50559	1	1	1	1	1	0	0	0
50560	1	1	1	1	0	0	0	0
n	10	10	10	10	10	10	10	10

Animal No.	Walking backward	Vocalization	Aggression
50551	1	1	1
50552	1	1	1
50553	1	1	1
50554	1	1	1
50555	1	1	1
50556	1	1	1
50557	1	1	1
50558	1	1	1
50559	1	1	1
50560	1	1	1
n	10	10	10

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Pre
Sex : Female (satellite) Dose : DPDME 1000 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50651	1	1	1	1	0	0	0	0
50652	1	1	1	1	0	0	0	0
50653	1	1	1	1	0	0	0	0
50654	1	1	1	1	0	0	0	0
50655	1	1	1	1	0	1	0	0
50656	1	1	1	1	0	0	0	0
50657	1	1	1	1	0	0	0	0
50658	1	1	1	1	1	0	0	0
50659	1	1	1	1	1	0	0	0
50660	1	1	1	1	0	0	0	0
n	10	10	10	10	10	10	10	10

Animal No.	Walking backward	Vocalization	Aggression
50651	1	1	1
50652	1	1	1
50653	1	1	1
50654	1	1	1
50655	1	1	1
50656	1	1	1
50657	1	1	1
50658	1	1	1
50659	1	1	1
50660	1	1	1
n	10	10	10

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Day 7
Sex : Female (satellite) Dose : DPDME 0 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50551	1	1	1	1	0	0	0	0
50552	1	1	1	1	0	0	0	0
50553	1	1	1	1	0	0	0	0
50554	1	1	1	1	0	0	0	0
50555	1	1	1	1	0	0	0	0
50556	1	1	1	1	0	0	0	0
50557	1	1	1	1	0	0	0	0
50558	1	1	1	1	0	0	0	0
50559	1	1	1	1	0	0	0	0
50560	1	1	1	1	0	0	0	0
n	10	10	10	10	10	10	10	10

Animal No.	Walking backward	Vocalization	Aggression
50551	1	1	1
50552	1	1	1
50553	1	1	1
50554	1	1	1
50555	1	1	1
50556	1	1	1
50557	1	1	1
50558	1	1	1
50559	1	1	1
50560	1	1	1
n	10	10	10

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Day 7
Sex : Female (satellite) Dose : DPDME 1000 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50651	1	1	1	1	0	0	0	0
50652	1	1	1	1	0	0	0	0
50653	1	1	1	1	0	0	0	0
50654	1	1	1	1	0	0	0	0
50655	1	1	1	1	0	0	0	0
50656	1	1	1	1	0	0	0	0
50657	1	1	1	1	1	0	0	0
50658	1	1	1	1	0	0	0	0
50659	1	1	1	1	0	0	0	0
50660	1	1	1	1	0	0	0	0
n	10	10	10	10	10	10	10	10

Animal No.	Walking backward	Vocalization	Aggression
50651	1	1	1
50652	1	1	1
50653	1	1	1
50654	1	1	1
50655	1	1	1
50656	1	1	1
50657	1	1	1
50658	1	1	1
50659	1	1	1
50660	1	1	1
n	10	10	10

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Day 14
Sex : Female (satellite) Dose : DPDME 0 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50551	1	1	1	1	0	0	0	0
50552	1	1	1	1	0	0	0	0
50553	1	1	1	1	0	0	0	0
50554	1	1	1	1	0	0	0	0
50555	1	1	1	1	0	0	0	0
50556	1	1	1	1	1	0	0	0
50557	1	1	1	1	0	0	0	0
50558	1	1	1	1	0	0	0	0
50559	1	1	1	1	0	0	0	0
50560	1	1	1	1	1	0	0	0
n	10	10	10	10	10	10	10	10

Animal No.	Walking backward	Vocalization	Aggression
50551	1	1	1
50552	1	1	1
50553	1	1	1
50554	1	1	1
50555	1	1	1
50556	1	1	1
50557	1	1	1
50558	1	1	1
50559	1	1	1
50560	1	1	1
n	10	10	10

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Day 14
Sex : Female (satellite) Dose : DPDME 1000 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50651	1	1	1	1	0	0	0	0
50652	1	1	1	1	0	0	0	0
50653	1	1	1	1	0	0	0	0
50654	1	1	1	1	0	0	0	0
50655	1	1	1	1	0	0	0	0
50656	1	1	1	1	0	0	0	0
50657	1	1	1	1	1	0	0	0
50658	1	1	1	1	1	0	0	0
50659	1	1	1	1	0	0	0	0
50660	1	1	1	1	1	0	0	0
n	10	10	10	10	10	10	10	10

Animal No.	Walking backward	Vocalization	Aggression
50651	1	1	1
50652	1	1	1
50653	1	1	1
50654	1	1	1
50655	1	1	1
50656	1	1	1
50657	1	1	1
50658	1	1	1
50659	1	1	1
50660	1	1	1
n	10	10	10

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Day 21
Sex : Female (satellite) Dose : DPDME 0 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50551	1	1	1	1	0	0	0	0
50552	1	1	1	1	0	0	0	0
50553	1	1	1	1	0	0	0	0
50554	1	1	1	1	1	0	0	0
50555	1	1	1	1	0	0	0	0
50556	1	1	1	1	0	0	0	0
50557	1	1	1	1	0	0	0	0
50558	1	1	1	1	0	0	0	0
50559	1	1	1	1	0	0	0	0
50560	1	1	1	1	0	0	0	0
n	10	10	10	10	10	10	10	10

Animal No.	Walking backward	Vocalization	Aggression
50551	1	1	1
50552	1	1	1
50553	1	1	1
50554	1	1	1
50555	1	1	1
50556	1	1	1
50557	1	1	1
50558	1	1	1
50559	1	1	1
50560	1	1	1
n	10	10	10

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Day 21
Sex : Female (satellite) Dose : DPDME 1000 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50651	1	1	1	1	1	0	0	0
50652	1	1	1	1	0	0	0	0
50653	1	1	1	1	1	0	0	0
50654	1	1	1	1	0	0	0	0
50655	1	1	1	1	1	0	0	0
50656	1	1	1	1	0	0	0	0
50657	1	1	1	1	0	0	0	0
50658	1	1	1	1	0	0	0	0
50659	1	1	1	1	0	0	0	0
50660	1	1	1	1	0	0	0	0
n	10	10	10	10	10	10	10	10

Animal No.	Walking backward	Vocalization	Aggression
50651	1	1	1
50652	1	1	1
50653	1	1	1
50654	1	1	1
50655	1	1	1
50656	1	1	1
50657	1	1	1
50658	1	1	1
50659	1	1	1
50660	1	1	1
n	10	10	10

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Day 28
Sex : Female (satellite) Dose : DPDME 0 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50551	1	1	1	1	0	0	0	0
50552	1	1	1	1	0	0	0	0
50553	1	1	1	1	0	0	0	0
50554	1	1	1	1	0	0	0	0
50555	1	1	1	1	0	0	0	0
50556	1	1	1	1	0	0	0	0
50557	1	1	1	1	0	0	0	0
50558	1	1	1	1	0	0	0	0
50559	1	1	1	1	1	0	0	0
50560	1	1	1	1	0	0	0	0
n	10	10	10	10	10	10	10	10

Animal No.	Walking backward	Vocalization	Aggression
50551	1	1	1
50552	1	1	1
50553	1	1	1
50554	1	1	1
50555	1	1	1
50556	1	1	1
50557	1	1	1
50558	1	1	1
50559	1	1	1
50560	1	1	1
n	10	10	10

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Day 28
Sex : Female (satellite) Dose : DPDME 1000 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50651	1	1	1	1	0	0	0	0
50652	1	1	1	1	0	0	0	0
50653	1	1	1	1	0	0	0	0
50654	1	1	1	1	0	0	0	0
50655	1	1	1	1	0	0	0	0
50656	1	1	1	1	0	0	0	0
50657	1	1	1	1	1	0	0	0
50658	1	1	1	1	0	0	0	0
50659	1	1	1	1	0	0	0	0
50660	1	1	1	1	1	0	0	0
n	10	10	10	10	10	10	10	10

Animal No.	Walking backward	Vocalization	Aggression
50651	1	1	1
50652	1	1	1
50653	1	1	1
50654	1	1	1
50655	1	1	1
50656	1	1	1
50657	1	1	1
50658	1	1	1
50659	1	1	1
50660	1	1	1
n	10	10	10

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Recovery day 7
Sex : Male Dose : DPDME 0 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
10102	1	1	1	1	0	0	0	0
10103	1	1	1	1	0	1	0	0
10107	1	1	1	1	1	1	0	0
10111	1	1	1	1	1	0	0	0
10112	1	1	1	1	0	0	0	0
n	5	5	5	5	5	5	5	5

Animal No.	Walking backward	Vocalization	Aggression
10102	1	1	1
10103	1	1	1
10107	1	1	1
10111	1	1	1
10112	1	1	1
n	5	5	5

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Recovery day 7
Sex : Male Dose : DPDME 1000 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
10402	1	1	1	1	1	0	0	0
10403	1	1	1	1	0	0	0	0
10404	1	1	1	1	0	0	0	0
10405	1	1	1	1	1	0	0	0
10406	1	1	1	1	1	0	0	0
n	5	5	5	5	5	5	5	5

Animal No.	Walking backward	Vocalization	Aggression
10402	1	1	1
10403	1	1	1
10404	1	1	1
10405	1	1	1
10406	1	1	1
n	5	5	5

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Recovery day 14
Sex : Male Dose : DPDME 0 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
10102	1	1	1	1	0	0	0	0
10103	1	1	1	1	0	0	0	0
10107	1	1	1	1	0	0	0	0
10111	1	1	1	1	0	0	0	0
10112	1	1	1	1	0	0	0	0
n	5	5	5	5	5	5	5	5

Animal No.	Walking backward	Vocalization	Aggression
10102	1	1	1
10103	1	1	1
10107	1	1	1
10111	1	1	1
10112	1	1	1
n	5	5	5

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Recovery day 14
Sex : Male Dose : DPDME 1000 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
10402	1	1	1	1	1	0	0	0
10403	1	1	1	1	0	0	0	0
10404	1	1	1	1	0	0	0	0
10405	1	1	1	1	0	0	0	0
10406	1	1	1	1	1	0	0	0
n	5	5	5	5	5	5	5	5

Animal No.	Walking backward	Vocalization	Aggression
10402	1	1	1
10403	1	1	1
10404	1	1	1
10405	1	1	1
10406	1	1	1
n	5	5	5

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Recovery day 7
Sex : Female (satellite) Dose : DPDME 0 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50556	1	1	1	1	1	0	0	0
50557	1	1	1	1	0	0	0	0
50558	1	1	1	1	0	0	0	0
50559	1	1	1	1	0	0	0	0
50560	1	1	1	1	1	0	0	0
n	5	5	5	5	5	5	5	5

Animal No.	Walking backward	Vocalization	Aggression
50556	1	1	1
50557	1	1	1
50558	1	1	1
50559	1	1	1
50560	1	1	1
n	5	5	5

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Recovery day 7
Sex : Female (satellite) Dose : DPDME 1000 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50656	1	1	1	1	0	0	0	0
50657	1	1	1	1	1	0	0	0
50658	1	1	1	1	0	0	0	0
50659	1	1	1	1	0	0	0	0
50660	1	1	1	1	0	0	0	0
n	5	5	5	5	5	5	5	5

Animal No.	Walking backward	Vocalization	Aggression
50656	1	1	1
50657	1	1	1
50658	1	1	1
50659	1	1	1
50660	1	1	1
n	5	5	5

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Recovery day 14
Sex : Female (satellite) Dose : DPDME 0 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50556	1	1	1	1	0	0	0	0
50557	1	1	1	1	0	0	0	0
50558	1	1	1	1	0	0	0	0
50559	1	1	1	1	0	0	0	0
50560	1	1	1	1	0	0	0	0
n	5	5	5	5	5	5	5	5

Animal No.	Walking backward	Vocalization	Aggression
50556	1	1	1
50557	1	1	1
50558	1	1	1
50559	1	1	1
50560	1	1	1
n	5	5	5

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Detailed clinical observation (in the open field) Stage : Recovery day 14
Sex : Female (satellite) Dose : DPDME 1000 mg/kg Species : Rat

Animal No.	Gait	Co-ordination of movement	Reactivity to stimuli	Searching	Urination	Defecation	Excessive grooming	Unusual head movement
50656	1	1	1	1	0	0	0	0
50657	1	1	1	1	0	0	0	0
50658	1	1	1	1	0	0	0	0
50659	1	1	1	1	0	0	0	0
50660	1	1	1	1	0	0	0	0
n	5	5	5	5	5	5	5	5

Animal No.	Walking backward	Vocalization	Aggression
50656	1	1	1
50657	1	1	1
50658	1	1	1
50659	1	1	1
50660	1	1	1
n	5	5	5

Gait) 0;Not moved, 1;Normal, 2; Difficult to walk, 3;Unable to walk, paralytic.
Co-ordination of movement) 0;Staggering (ataxic), 1;Normal.
Reactivity to stimuli) 0;Not present, 1;Present (to noise, etc.).
Searching) 0;Not present, 1;Present (sniffing, standing, etc.).
Urination) 0;Not present, 1;Present.
Defecation) 0;Not present, 1;Present.
Stereotype/Excessive grooming) 0;Not present, 1;Sometimes, 2;Frequently.
Stereotype/Unusual head movement) 0;Not present, 1;Sometimes, 2;Frequently.
Bizarre behavior/Walking backward) 1;Not present, 2;Present.
Bizarre behavior/Vocalization) 1;Not present, sometimes, 2;Present, frequently.
Aggression) 1;Not present, 2;Present.

Functional observations (on the desk) Stage : Week 4
Sex : Male Dose : DPDME 0 mg/kg Species : Rat

Animal No.	Visual reactivity	Touch reactivity	Auditory reactivity	Pain reactivity	Proprioceptive reactivity	Righting reflex
10102	4	2	1	2	1	1
10103	4	2	1	2	1	1
10107	4	2	1	2	1	1
10111	4	2	1	2	1	1
10112	4	2	1	2	1	1
n	5	5	5	5	5	5

Visual reactivity) 1;Jumping, 2;Turning away, 3;No reaction, 4;Approach, 5;Attack.
Touch reactivity) 1;Hyposensitive, 2;Turning away, 3;Hypersensitive.
Auditory reactivity) 0;No reaction, 1;Normal, moving the auricle, 2;Sensitive, moving the body, 3;Hypersensitive, surprising and jumping.
Pain reactivity) 0;No reaction, 1;Dull, vocalizing, 2;Normal, vocalizing and turning back, 3;Hypersensitive, attacking or jumping.
Proprioceptive reactivity) 0;No returning, 1;Returning.
Righting reflex) 1;Normal, landing by foot, 2;Abnormal, landing by body.

Functional observations (on the desk) Stage : Week 4
Sex : Male Dose : DPDME 40 mg/kg Species : Rat

Animal No.	Visual reactivity	Touch reactivity	Auditory reactivity	Pain reactivity	Proprioceptive reactivity	Righting reflex
10202	4	2	1	2	1	1
10206	4	2	1	2	1	1
10209	4	2	1	2	1	1
10211	4	2	1	2	1	1
10212	4	2	1	2	1	1
n	5	5	5	5	5	5

Visual reactivity) 1;Jumping, 2;Turning away, 3;No reaction, 4;Approach, 5;Attack.
Touch reactivity) 1;Hyposensitive, 2;Turning away, 3;Hypersensitive.
Auditory reactivity) 0;No reaction, 1;Normal, moving the auricle, 2;Sensitive, moving the body, 3;Hypersensitive, surprising and jumping.
Pain reactivity) 0;No reaction, 1;Dull, vocalizing, 2;Normal, vocalizing and turning back, 3;Hypersensitive, attacking or jumping.
Proprioceptive reactivity) 0;No returning, 1;Returning.
Righting reflex) 1;Normal, landing by foot, 2;Abnormal, landing by body.

Functional observations (on the desk) Stage : Week 4
Sex : Male Dose : DPDME 200 mg/kg Species : Rat

Animal No.	Visual reactivity	Touch reactivity	Auditory reactivity	Pain reactivity	Proprioceptive reactivity	Righting reflex
10302	4	2	1	2	1	1
10303	4	2	1	2	1	1
10306	4	2	1	2	1	1
10308	4	2	1	2	1	1
10311	4	2	1	2	1	1
n	5	5	5	5	5	5

Visual reactivity) 1;Jumping, 2;Turning away, 3;No reaction, 4;Approach, 5;Attack.
Touch reactivity) 1;Hyposensitive, 2;Turning away, 3;Hypersensitive.
Auditory reactivity) 0;No reaction, 1;Normal, moving the auricle, 2;Sensitive, moving the body, 3;Hypersensitive, surprising and jumping.
Pain reactivity) 0;No reaction, 1;Dull, vocalizing, 2;Normal, vocalizing and turning back, 3;Hypersensitive, attacking or jumping.
Proprioceptive reactivity) 0;No returning, 1;Returning.
Righting reflex) 1;Normal, landing by foot, 2;Abnormal, landing by body.

Functional observations (on the desk) Stage : Week 4
Sex : Male Dose : DPDME 1000 mg/kg Species : Rat

Animal No.	Visual reactivity	Touch reactivity	Auditory reactivity	Pain reactivity	Proprioceptive reactivity	Righting reflex
10402	4	2	1	2	1	1
10403	4	2	1	2	1	1
10404	4	2	1	2	1	1
10405	4	2	1	2	1	1
10406	4	2	1	2	1	1
n	5	5	5	5	5	5

Visual reactivity) 1;Jumping, 2;Turning away, 3;No reaction, 4;Approach, 5;Attack.
Touch reactivity) 1;Hyposensitive, 2;Turning away, 3;Hypersensitive.
Auditory reactivity) 0;No reaction, 1;Normal, moving the auricle, 2;Sensitive, moving the body, 3;Hypersensitive, surprising and jumping.
Pain reactivity) 0;No reaction, 1;Dull, vocalizing, 2;Normal, vocalizing and turning back, 3;Hypersensitive, attacking or jumping.
Proprioceptive reactivity) 0;No returning, 1;Returning.
Righting reflex) 1;Normal, landing by foot, 2;Abnormal, landing by body.

Functional observations (on the desk) Stage : Lactation day 13
Sex : Female Dose : DPDME 0 mg/kg Species : Rat

Animal No.	Visual reactivity	Touch reactivity	Auditory reactivity	Pain reactivity	Proprioceptive reactivity	Righting reflex
50152	4	2	1	2	1	1
50154	4	2	1	2	1	1
50155	4	2	1	2	1	1
50159	4	2	1	2	1	1
50161	4	2	1	2	1	1
n	5	5	5	5	5	5

Visual reactivity) 1;Jumping, 2;Turning away, 3;No reaction, 4;Approach, 5;Attack.
Touch reactivity) 1;Hyposensitive, 2;Turning away, 3;Hypersensitive.
Auditory reactivity) 0;No reaction, 1;Normal, moving the auricle, 2;Sensitive, moving the body, 3;Hypersensitive, surprising and jumping.
Pain reactivity) 0;No reaction, 1;Dull, vocalizing, 2;Normal, vocalizing and turning back, 3;Hypersensitive, attacking or jumping.
Proprioceptive reactivity) 0;No returning, 1;Returning.
Righting reflex) 1;Normal, landing by foot, 2;Abnormal, landing by body.

Functional observations (on the desk) Stage : Lactation day 13
Sex : Female Dose : DPDME 40 mg/kg Species : Rat

Animal No.	Visual reactivity	Touch reactivity	Auditory reactivity	Pain reactivity	Proprioceptive reactivity	Righting reflex
50253	4	2	1	2	1	1
50256	4	2	1	2	1	1
50257	4	2	1	2	1	1
50259	4	2	1	2	1	1
50261	4	2	1	2	1	1
n	5	5	5	5	5	5

Visual reactivity) 1;Jumping, 2;Turning away, 3;No reaction, 4;Approach, 5;Attack.
Touch reactivity) 1;Hyposensitive, 2;Turning away, 3;Hypersensitive.
Auditory reactivity) 0;No reaction, 1;Normal, moving the auricle, 2;Sensitive, moving the body, 3;Hypersensitive, surprising and jumping.
Pain reactivity) 0;No reaction, 1;Dull, vocalizing, 2;Normal, vocalizing and turning back, 3;Hypersensitive, attacking or jumping.
Proprioceptive reactivity) 0;No returning, 1;Returning.
Righting reflex) 1;Normal, landing by foot, 2;Abnormal, landing by body.

Functional observations (on the desk) Stage : Lactation day 13
Sex : Female Dose : DPDME 200 mg/kg Species : Rat

Animal No.	Visual reactivity	Touch reactivity	Auditory reactivity	Pain reactivity	Proprioceptive reactivity	Righting reflex
50353	4	2	1	2	1	1
50354	4	2	1	2	1	1
50356	4	2	1	2	1	1
50359	4	2	1	2	1	1
50361	4	2	1	2	1	1
n	5	5	5	5	5	5

Visual reactivity) 1;Jumping, 2;Turning away, 3;No reaction, 4;Approach, 5;Attack.
Touch reactivity) 1;Hyposensitive, 2;Turning away, 3;Hypersensitive.
Auditory reactivity) 0;No reaction, 1;Normal, moving the auricle, 2;Sensitive, moving the body, 3;Hypersensitive, surprising and jumping.
Pain reactivity) 0;No reaction, 1;Dull, vocalizing, 2;Normal, vocalizing and turning back, 3;Hypersensitive, attacking or jumping.
Proprioceptive reactivity) 0;No returning, 1;Returning.
Righting reflex) 1;Normal, landing by foot, 2;Abnormal, landing by body.

Functional observations (on the desk) Stage : Lactation day 13
Sex : Female Dose : DPDME 1000 mg/kg Species : Rat

Animal No.	Visual reactivity	Touch reactivity	Auditory reactivity	Pain reactivity	Proprioceptive reactivity	Righting reflex
50451	4	2	1	2	1	1
50452	4	2	1	2	1	1
50455	4	2	1	2	1	1
50456	4	2	1	2	1	1
50458	4	2	1	2	1	1
n	5	5	5	5	5	5

Visual reactivity) 1;Jumping, 2;Turning away, 3;No reaction, 4;Approach, 5;Attack.
Touch reactivity) 1;Hyposensitive, 2;Turning away, 3;Hypersensitive.
Auditory reactivity) 0;No reaction, 1;Normal, moving the auricle, 2;Sensitive, moving the body, 3;Hypersensitive, surprising and jumping.
Pain reactivity) 0;No reaction, 1;Dull, vocalizing, 2;Normal, vocalizing and turning back, 3;Hypersensitive, attacking or jumping.
Proprioceptive reactivity) 0;No returning, 1;Returning.
Righting reflex) 1;Normal, landing by foot, 2;Abnormal, landing by body.

Functional observations (on the desk) Stage : Week 4
Sex : Female (satellite) Dose : DPDME 0 mg/kg Species : Rat

Animal No.	Visual reactivity	Touch reactivity	Auditory reactivity	Pain reactivity	Proprioceptive reactivity	Righting reflex
50556	4	2	1	2	1	1
50557	4	2	1	2	1	1
50558	4	2	1	2	1	1
50559	4	2	1	2	1	1
50560	4	2	1	2	1	1
n	5	5	5	5	5	5

Visual reactivity) 1;Jumping, 2;Turning away, 3;No reaction, 4;Approach, 5;Attack.
Touch reactivity) 1;Hyposensitive, 2;Turning away, 3;Hypersensitive.
Auditory reactivity) 0;No reaction, 1;Normal, moving the auricle, 2;Sensitive, moving the body, 3;Hypersensitive, surprising and jumping.
Pain reactivity) 0;No reaction, 1;Dull, vocalizing, 2;Normal, vocalizing and turning back, 3;Hypersensitive, attacking or jumping.
Proprioceptive reactivity) 0;No returning, 1;Returning.
Righting reflex) 1;Normal, landing by foot, 2;Abnormal, landing by body.

Functional observations (on the desk) Stage : Week 4
Sex : Female (satellite) Dose : DPDME 1000 mg/kg Species : Rat

Animal No.	Visual reactivity	Touch reactivity	Auditory reactivity	Pain reactivity	Proprioceptive reactivity	Righting reflex
50656	4	2	1	2	1	1
50657	4	2	1	2	1	1
50658	4	2	1	2	1	1
50659	4	2	1	2	1	1
50660	4	2	1	2	1	1
n	5	5	5	5	5	5

Visual reactivity) 1;Jumping, 2;Turning away, 3;No reaction, 4;Approach, 5;Attack.
Touch reactivity) 1;Hyposensitive, 2;Turning away, 3;Hypersensitive.
Auditory reactivity) 0;No reaction, 1;Normal, moving the auricle, 2;Sensitive, moving the body, 3;Hypersensitive, surprising and jumping.
Pain reactivity) 0;No reaction, 1;Dull, vocalizing, 2;Normal, vocalizing and turning back, 3;Hypersensitive, attacking or jumping.
Proprioceptive reactivity) 0;No returning, 1;Returning.
Righting reflex) 1;Normal, landing by foot, 2;Abnormal, landing by body.

Functional observations (on the desk) Stage : Recovery week 2
Sex : Male Dose : DPDME 0 mg/kg Species : Rat

Animal No.	Visual reactivity	Touch reactivity	Auditory reactivity	Pain reactivity	Proprioceptive reactivity	Righting reflex
10102	4	2	1	2	1	1
10103	4	2	1	2	1	1
10107	4	2	1	2	1	1
10111	4	2	1	2	1	1
10112	4	2	1	2	1	1
n	5	5	5	5	5	5

Visual reactivity) 1;Jumping, 2;Turning away, 3;No reaction, 4;Approach, 5;Attack.
Touch reactivity) 1;Hyposensitive, 2;Turning away, 3;Hypersensitive.
Auditory reactivity) 0;No reaction, 1;Normal, moving the auricle, 2;Sensitive, moving the body, 3;Hypersensitive, surprising and jumping.
Pain reactivity) 0;No reaction, 1;Dull, vocalizing, 2;Normal, vocalizing and turning back, 3;Hypersensitive, attacking or jumping.
Proprioceptive reactivity) 0;No returning, 1;Returning.
Righting reflex) 1;Normal, landing by foot, 2;Abnormal, landing by body.

Functional observations (on the desk) Stage : Recovery week 2
Sex : Male Dose : DPDME 1000 mg/kg Species : Rat

Animal No.	Visual reactivity	Touch reactivity	Auditory reactivity	Pain reactivity	Proprioceptive reactivity	Righting reflex
10402	4	2	1	2	1	1
10403	4	2	1	2	1	1
10404	4	2	1	2	1	1
10405	4	2	1	2	1	1
10406	4	2	1	2	1	1
n	5	5	5	5	5	5

Visual reactivity) 1;Jumping, 2;Turning away, 3;No reaction, 4;Approach, 5;Attack.
Touch reactivity) 1;Hyposensitive, 2;Turning away, 3;Hypersensitive.
Auditory reactivity) 0;No reaction, 1;Normal, moving the auricle, 2;Sensitive, moving the body, 3;Hypersensitive, surprising and jumping.
Pain reactivity) 0;No reaction, 1;Dull, vocalizing, 2;Normal, vocalizing and turning back, 3;Hypersensitive, attacking or jumping.
Proprioceptive reactivity) 0;No returning, 1;Returning.
Righting reflex) 1;Normal, landing by foot, 2;Abnormal, landing by body.

Grip strength
Sex : Male

Stage : Week 4
Dose : DPDME 0 mg/kg

Species : Rat

Animal No.	Forelimb, 1st g	Forelimb, 2nd g	Forelimb, 3rd g	Forelimb g	Hindlimb, 1st g	Hindlimb, 2nd g	Hindlimb, 3rd g	Hindlimb g
10102	1589	1831	1459	1626.3	611	471	530	537.3
10103	1327	1538	1494	1453.0	653	565	536	584.7
10107	1370	1521	1615	1502.0	504	448	457	469.7
10111	1523	1619	1419	1520.3	493	569	555	539.0
10112	1345	1424	1312	1360.3	489	433	458	460.0
n	5	5	5	5	5	5	5	5
Mean	1430.8	1586.6	1459.8	1492.38	550.0	497.2	507.2	518.14
S.D.	117.6	153.2	110.4	97.21	76.5	65.2	46.3	52.34

Grip strength
Sex : Male

Stage : Week 4
Dose : DPDME 40 mg/kg

Species : Rat

Animal No.	Forelimb, 1st g	Forelimb, 2nd g	Forelimb, 3rd g	Forelimb g	Hindlimb, 1st g	Hindlimb, 2nd g	Hindlimb, 3rd g	Hindlimb g
10202	1465	1495	1544	1501.3	460	564	592	538.7
10206	1430	1461	1558	1483.0	502	417	508	475.7
10209	1347	1321	1424	1364.0	466	558	539	521.0
10211	1530	1467	1448	1481.7	491	495	423	469.7
10212	1574	1624	1635	1611.0	433	483	461	459.0
n	5	5	5	5	5	5	5	5
Mean	1469.2	1473.6	1521.8	1488.20	470.4	503.4	504.6	492.82
S.D.	88.3	107.9	86.1	87.67	27.2	60.4	65.9	34.89

Grip strength
Sex : Male

Stage : Week 4
Dose : DPDME 200 mg/kg

Species : Rat

Animal No.	Forelimb, 1st g	Forelimb, 2nd g	Forelimb, 3rd g	Forelimb g	Hindlimb, 1st g	Hindlimb, 2nd g	Hindlimb, 3rd g	Hindlimb g
10302	1488	1418	1394	1433.3	508	438	445	463.7
10303	1217	1374	1249	1280.0	475	497	496	489.3
10306	1353	1399	1332	1361.3	439	379	469	429.0
10308	1253	1223	1248	1241.3	400	400	568	456.0
10311	1233	1282	1243	1252.7	410	377	343	376.7
n	5	5	5	5	5	5	5	5
Mean	1308.8	1339.2	1293.2	1313.72	446.4	418.2	464.2	442.94
S.D.	113.3	83.3	67.4	81.65	45.1	50.4	82.0	42.82

Grip strength
Sex : Male

Stage : Week 4
Dose : DPDME 1000 mg/kg

Species : Rat

Animal No.	Forelimb, 1st g	Forelimb, 2nd g	Forelimb, 3rd g	Forelimb g	Hindlimb, 1st g	Hindlimb, 2nd g	Hindlimb, 3rd g	Hindlimb g
10402	1324	1216	1252	1264.0	568	524	503	531.7
10403	1275	1305	1265	1281.7	392	376	427	398.3
10404	1192	1182	1174	1182.7	454	510	368	444.0
10405	1224	1379	1261	1288.0	596	546	435	525.7
10406	1127	1155	1194	1158.7	624	567	628	606.3
n	5	5	5	5	5	5	5	5
Mean	1228.4	1247.4	1229.2	1235.02	526.8	504.6	472.2	501.20
S.D.	75.7	92.8	42.1	59.97	99.3	75.1	99.4	81.30

Grip strength
Sex : Female
Stage : Lactation day 13
Dose : DPDME 0 mg/kg
Species : Rat

Animal No.	Forelimb, 1st g	Forelimb, 2nd g	Forelimb, 3rd g	Forelimb g	Hindlimb, 1st g	Hindlimb, 2nd g	Hindlimb, 3rd g	Hindlimb g
50152	1381	1465	1408	1418.0	596	492	457	515.0
50154	1382	1246	1394	1340.7	388	497	420	435.0
50155	1453	1447	1529	1476.3	530	469	535	511.3
50159	1454	1571	1490	1505.0	492	404	489	461.7
50161	1146	1194	1236	1192.0	464	484	414	454.0
n	5	5	5	5	5	5	5	5
Mean	1363.2	1384.6	1411.4	1386.40	494.0	469.2	463.0	475.40
S.D.	126.6	158.6	113.0	125.53	77.2	38.0	50.4	35.83

Grip strength
Sex : Female

Stage : Lactation day 13
Dose : DPDME 40 mg/kg

Species : Rat

Animal No.	Forelimb, 1st g	Forelimb, 2nd g	Forelimb, 3rd g	Forelimb g	Hindlimb, 1st g	Hindlimb, 2nd g	Hindlimb, 3rd g	Hindlimb g
50253	1297	1458	1347	1367.3	421	448	496	455.0
50256	1316	1463	1315	1364.7	551	505	524	526.7
50257	1405	1430	1512	1449.0	636	482	494	537.3
50259	1287	1544	1322	1384.3	522	584	450	518.7
50261	1525	1486	1486	1499.0	590	487	467	514.7
n	5	5	5	5	5	5	5	5
Mean	1366.0	1476.2	1396.4	1412.86	544.0	501.2	486.2	510.48
S.D.	100.4	42.8	94.9	59.03	81.0	50.7	28.6	32.19

Grip strength
Sex : Female
Stage : Lactation day 13
Dose : DPDME 200 mg/kg
Species : Rat

Animal No.	Forelimb, 1st g	Forelimb, 2nd g	Forelimb, 3rd g	Forelimb g	Hindlimb, 1st g	Hindlimb, 2nd g	Hindlimb, 3rd g	Hindlimb g
50353	1270	1339	1442	1350.3	361	326	379	355.3
50354	1224	1328	1375	1309.0	469	481	493	481.0
50356	1283	1263	1116	1220.7	468	400	404	424.0
50359	1421	1511	1477	1469.7	451	464	385	433.3
50361	1417	1510	1588	1505.0	575	588	598	587.0
n	5	5	5	5	5	5	5	5
Mean	1323.0	1390.2	1399.6	1370.94	464.8	451.8	451.8	456.12
S.D.	90.3	113.6	176.3	116.79	76.1	97.5	93.7	85.83

Grip strength
Sex : Female
Stage : Lactation day 13
Dose : DPDME 1000 mg/kg
Species : Rat

Animal No.	Forelimb, 1st g	Forelimb, 2nd g	Forelimb, 3rd g	Forelimb g	Hindlimb, 1st g	Hindlimb, 2nd g	Hindlimb, 3rd g	Hindlimb g
50451	1245	1329	1483	1352.3	510	542	528	526.7
50452	1292	1442	1510	1414.7	359	336	341	345.3
50455	915	1217	1103	1078.3	434	459	395	429.3
50456	1039	1016	1055	1036.7	478	412	346	412.0
50458	1174	1073	1053	1100.0	393	414	396	401.0
n	5	5	5	5	5	5	5	5
Mean	1133.0	1215.4	1240.8	1196.40	434.8	432.6	401.2	422.86
S.D.	154.8	176.3	234.5	173.71	61.3	75.4	75.5	66.02

Grip strength
Sex : Female (satellite)
Stage : Week 4
Dose : DPDME 0 mg/kg
Species : Rat

Animal No.	Forelimb, 1st g	Forelimb, 2nd g	Forelimb, 3rd g	Forelimb g	Hindlimb, 1st g	Hindlimb, 2nd g	Hindlimb, 3rd g	Hindlimb g
50556	1064	1190	1064	1106.0	489	428	417	444.7
50557	1096	1160	1174	1143.3	266	299	269	278.0
50558	1139	1084	1132	1118.3	319	286	253	286.0
50559	1294	1271	1275	1280.0	286	334	441	353.7
50560	1294	1216	1314	1274.7	316	369	357	347.3
n	5	5	5	5	5	5	5	5
Mean	1177.4	1184.2	1191.8	1184.46	335.2	343.2	347.4	341.94
S.D.	109.7	69.3	102.6	85.88	88.7	57.4	84.8	66.98

Grip strength
Sex : Female (satellite)
Stage : Week 4
Dose : DPDME 1000 mg/kg
Species : Rat

Animal No.	Forelimb, 1st g	Forelimb, 2nd g	Forelimb, 3rd g	Forelimb g	Hindlimb, 1st g	Hindlimb, 2nd g	Hindlimb, 3rd g	Hindlimb g
50656	1117	1111	1074	1100.7	372	394	416	394.0
50657	910	861	907	892.7	216	269	203	229.3
50658	931	829	682	814.0	279	263	305	282.3
50659	1212	1272	1242	1242.0	291	363	306	320.0
50660	1102	1145	1076	1107.7	244	259	321	274.7
n	5	5	5	5	5	5	5	5
Mean	1054.4	1043.6	996.2	1031.42	280.4	309.6	310.2	300.06
S.D.	129.5	191.3	211.8	174.27	59.1	63.9	75.6	61.62

Grip strength
Sex : Male

Stage : Recovery week 2
Dose : DPDME 0 mg/kg

Species : Rat

Animal No.	Forelimb, 1st g	Forelimb, 2nd g	Forelimb, 3rd g	Forelimb g	Hindlimb, 1st g	Hindlimb, 2nd g	Hindlimb, 3rd g	Hindlimb g
10102	1395	1582	1577	1518.0	508	553	545	535.3
10103	1898	1803	1884	1861.7	553	664	621	612.7
10107	1489	1779	1922	1730.0	574	551	614	579.7
10111	1900	1833	1658	1797.0	683	766	628	692.3
10112	1644	1525	1542	1570.3	420	453	578	483.7
n	5	5	5	5	5	5	5	5
Mean	1665.2	1704.4	1716.6	1695.40	547.6	597.4	597.2	580.74
S.D.	231.2	140.5	175.8	146.88	96.1	120.2	35.0	78.98

Grip strength
Sex : Male

Stage : Recovery week 2
Dose : DPDME 1000 mg/kg

Species : Rat

Animal No.	Forelimb, 1st g	Forelimb, 2nd g	Forelimb, 3rd g	Forelimb g	Hindlimb, 1st g	Hindlimb, 2nd g	Hindlimb, 3rd g	Hindlimb g
10402	1645	1573	1527	1581.7	565	570	465	533.3
10403	1847	1931	1949	1909.0	737	760	640	712.3
10404	1553	1635	1527	1571.7	521	594	552	555.7
10405	1795	1524	1821	1713.3	522	490	549	520.3
10406	1949	2063	2160	2057.3	800	753	732	761.7
n	5	5	5	5	5	5	5	5
Mean	1757.8	1745.2	1796.8	1766.60	629.0	633.4	587.6	616.66
S.D.	158.6	237.8	274.4	212.01	130.5	118.8	101.7	111.95

Motor activity measurements Stage : Week 4
Sex : Male Dose : DPDME 0 mg/kg Species : Rat

Animal No.	0' - 10' No.	10' - 20' No.	20' - 30' No.	30' - 40' No.	40' - 50' No.	50' - 60' No.	0' - 60' No.
10102	578	473	283	106	78	0	1518
10103	533	532	508	270	288	35	2166
10107	503	269	133	122	1	0	1028
10111	482	277	184	125	40	85	1193
10112	821	410	374	203	193	210	2211
n	5	5	5	5	5	5	5
Mean	583.4	392.2	296.4	165.2	120.0	66.0	1623.2
S.D.	137.6	117.1	150.3	69.6	118.2	87.7	545.6

Motor activity measurements Stage : Week 4
Sex : Male Dose : DPDME 40 mg/kg Species : Rat

Animal No.	0' - 10' No.	10' - 20' No.	20' - 30' No.	30' - 40' No.	40' - 50' No.	50' - 60' No.	0' - 60' No.
10202	310	127	15	28	0	0	480
10206	731	234	70	35	0	0	1070
10209	313	185	94	85	34	70	781
10211	363	132	15	20	0	0	530
10212	209	85	56	64	80	25	519
n	5	5	5	5	5	5	5
Mean	385.2	152.6	50.0	46.4	22.8	19.0	676.0
S.D.	201.2	57.7	34.7	27.2	35.2	30.5	250.3

Motor activity measurements Stage : Week 4
Sex : Male Dose : DPDME 200 mg/kg Species : Rat

Animal No.	0' - 10' No.	10' - 20' No.	20' - 30' No.	30' - 40' No.	40' - 50' No.	50' - 60' No.	0' - 60' No.
10302	260	204	19	0	0	0	483
10303	414	209	286	115	104	33	1161
10306	397	247	59	56	50	8	817
10308	480	348	280	205	52	0	1365
10311	407	255	249	196	193	125	1425
n	5	5	5	5	5	5	5
Mean	391.6	252.6	178.6	114.4	79.8	33.2	1050.2
S.D.	80.5	57.9	129.0	88.6	73.2	53.1	396.2

Motor activity measurements Stage : Week 4
Sex : Male Dose : DPDME 1000 mg/kg Species : Rat

Animal No.	0' - 10' No.	10' - 20' No.	20' - 30' No.	30' - 40' No.	40' - 50' No.	50' - 60' No.	0' - 60' No.
10402	385	208	18	0	0	14	625
10403	292	41	86	31	0	0	450
10404	362	162	99	5	58	177	863
10405	87	53	79	2	0	0	221
10406	642	207	162	2	0	0	1013
n	5	5	5	5	5	5	5
Mean	353.6	134.2	88.8	8.0	11.6	38.2	634.4
S.D.	199.4	81.9	51.4	13.0	25.9	77.8	316.5

Motor activity measurements
Sex : Female

Stage : Lactation day 13
Dose : DPDME 0 mg/kg

Species : Rat

Animal No.	0' - 10' No.	10' - 20' No.	20' - 30' No.	30' - 40' No.	40' - 50' No.	50' - 60' No.	0' - 60' No.
50152	349	184	17	88	0	0	638
50154	243	225	138	300	67	8	981
50155	663	305	121	112	100	102	1403
50159	405	147	204	89	108	143	1096
50161	549	172	0	23	151	127	1022
n	5	5	5	5	5	5	5
Mean	441.8	206.6	96.0	122.4	85.2	76.0	1028.0
S.D.	165.8	61.8	85.9	104.7	56.3	67.4	273.7

Motor activity measurements
Sex : Female

Stage : Lactation day 13
Dose : DPDME 40 mg/kg

Species : Rat

Animal No.	0' - 10' No.	10' - 20' No.	20' - 30' No.	30' - 40' No.	40' - 50' No.	50' - 60' No.	0' - 60' No.
50253	529	412	173	56	127	136	1433
50256	757	433	335	257	172	237	2191
50257	736	256	72	158	246	150	1618
50259	711	311	505	259	287	34	2107
50261	412	62	60	0	0	0	534
n	5	5	5	5	5	5	5
Mean	629.0	294.8	229.0	146.0	166.4	111.4	1576.6
S.D.	151.4	149.0	189.6	116.9	112.0	95.2	664.9

Motor activity measurements
Sex : Female
Stage : Lactation day 13
Dose : DPDME 200 mg/kg
Species : Rat

	0' - 10'	10' - 20'	20' - 30'	30' - 40'	40' - 50'	50' - 60'	0' - 60'
Animal No.	No.	No.	No.	No.	No.	No.	No.
50353	470	251	49	11	0	0	781
50354	648	178	52	122	0	37	1037
50356	659	215	37	0	0	0	911
50359	497	4	0	0	0	1	502
50361	445	27	0	0	0	0	472
n	5	5	5	5	5	5	5
Mean	543.8	135.0	27.6	26.6	0.0	7.6	740.6
S.D.	101.9	112.4	25.8	53.5	0.0	16.4	248.8

Motor activity measurements
Sex : Female

Stage : Lactation day 13
Dose : DPDME 1000 mg/kg

Species : Rat

Animal No.	0' - 10' No.	10' - 20' No.	20' - 30' No.	30' - 40' No.	40' - 50' No.	50' - 60' No.	0' - 60' No.
50451	210	97	14	87	145	156	709
50452	294	287	12	16	0	138	747
50455	97	36	53	0	0	5	191
50456	223	0	24	101	0	0	348
50458	245	150	72	136	39	3	645
n	5	5	5	5	5	5	5
Mean	213.8	114.0	35.0	68.0	36.8	60.4	528.0
S.D.	72.7	112.5	26.4	57.9	62.8	79.3	245.1

Motor activity measurements Stage : Week 4
Sex : Female (satellite) Dose : DPDME 0 mg/kg Species : Rat

Animal No.	0' - 10' No.	10' - 20' No.	20' - 30' No.	30' - 40' No.	40' - 50' No.	50' - 60' No.	0' - 60' No.
50556	626	352	144	182	4	0	1308
50557	518	342	156	133	47	111	1307
50558	546	422	352	157	121	91	1689
50559	588	308	143	0	2	0	1041
50560	465	479	328	134	68	106	1580
n	5	5	5	5	5	5	5
Mean	548.6	380.6	224.6	121.2	48.4	61.6	1385.0
S.D.	62.2	68.9	105.8	70.7	49.4	56.7	255.3

Motor activity measurements
Sex : Female (satellite)
Stage : Week 4
Dose : DPDME 1000 mg/kg
Species : Rat

Animal No.	0' - 10' No.	10' - 20' No.	20' - 30' No.	30' - 40' No.	40' - 50' No.	50' - 60' No.	0' - 60' No.
50656	716	481	31	0	0	0	1228
50657	346	126	150	125	0	0	747
50658	524	254	91	3	0	0	872
50659	632	305	325	116	140	0	1518
50660	560	134	375	97	11	170	1347
n	5	5	5	5	5	5	5
Mean	555.6	260.0	194.4	68.2	30.2	34.0	1142.4
S.D.	138.3	145.5	149.2	61.7	61.6	76.0	323.9

Motor activity measurements
Sex : Male

Stage : Recovery week 2
Dose : DPDME 0 mg/kg

Species : Rat

Animal No.	0' - 10' No.	10' - 20' No.	20' - 30' No.	30' - 40' No.	40' - 50' No.	50' - 60' No.	0' - 60' No.
10102	768	710	553	437	407	290	3165
10103	510	342	184	155	141	71	1403
10107	686	325	230	136	88	0	1465
10111	351	171	238	124	90	11	985
10112	927	560	453	392	286	247	2865
n	5	5	5	5	5	5	5
Mean	648.4	421.6	331.6	248.8	202.4	123.8	1976.6
S.D.	224.1	212.6	161.7	152.5	139.9	135.7	971.5

Motor activity measurements
Sex : Male

Stage : Recovery week 2
Dose : DPDME 1000 mg/kg

Species : Rat

	0' - 10'	10' - 20'	20' - 30'	30' - 40'	40' - 50'	50' - 60'	0' - 60'
Animal No.	No.	No.	No.	No.	No.	No.	No.
10402	569	355	294	272	142	191	1823
10403	517	284	163	59	89	239	1351
10404	641	266	126	121	64	96	1314
10405	506	175	124	122	48	84	1059
10406	517	154	120	83	112	102	1088
n	5	5	5	5	5	5	5
Mean	550.0	246.8	165.4	131.4	91.0	142.4	1327.0
S.D.	56.5	82.5	73.9	83.0	37.5	68.7	306.5

Body weight
Sex : Male
Period : Administration Day 1-28
Dose : DPDME 0 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 1	4	7	14	21	28	Body weight gain
10101	434	433	442	462	480	495	61
10102	484	491	497	519	532	550	66
10103	447	450	461	483	504	517	70
10104	511	527	531	562	590	621	110
10105	416	431	446	465	482	501	85
10106	438	445	458	466	491	509	71
10107	454	457	462	482	499	513	59
10108	479	494	505	525	545	566	87
10109	453	455	459	476	489	496	43
10110	448	450	456	480	483	518	70
10111	464	463	473	482	501	511	47
10112	481	499	506	518	531	543	62
n	12	12	12	12	12	12	12
Mean	459.1	466.3	474.7	493.3	510.6	528.3	69.3
S.D.	26.1	29.7	28.1	30.7	33.0	36.6	18.2

Body weight
Sex : Male
Period : Administration Day 1-28
Dose : DPDME 40 mg/kg
Unit : g Species : Rat

Animal No.	/Day 1	4	7	14	21	28	Body weight gain
10201	413	426	428	445	463	486	73
10202	437	451	466	487	507	517	80
10203	449	459	464	480	496	512	63
10204	490	504	513	528	548	574	84
10205	423	433	442	454	459	476	53
10206	441	458	469	495	520	540	99
10207	512	522	536	568	599	626	114
10208	478	499	513	546	568	602	124
10209	451	468	470	496	515	527	76
10210	460	463	467	481	498	500	40
10211	477	485	491	498	512	519	42
10212	459	463	476	501	525	543	84
n	12	12	12	12	12	12	12
Mean	457.5	469.3	477.9	498.3	517.5	535.2	77.7
S.D.	28.3	28.5	30.7	35.2	40.0	45.4	26.2

Body weight
Sex : Male
Period : Administration Day 1-28
Dose : DPDME 200 mg/kg
Unit : g Species : Rat

Animal No.	/Day 1	4	7	14	21	28	Body weight gain
10301	427	435	451	473	487	504	77
10302	460	467	477	504	517	544	84
10303	435	439	449	471	492	505	70
10304	490	500	507	518	544	562	72
10305	417	423	426	439	448	462	45
10306	475	480	496	509	531	549	74
10307	456	456	466	470	476	484	28
10308	457	464	468	487	515	534	77
10309	478	492	502	521	535	558	80
10310	449	467	482	516	547	571	122
10311	447	454	462	483	498	514	67
10312	490	506	522	550	557	585	95
n	12	12	12	12	12	12	12
Mean	456.8	465.3	475.7	495.1	512.3	531.0	74.3
S.D.	23.5	26.0	27.6	30.1	32.8	37.4	23.2

Body weight
Sex : Male
Period : Administration Day 1-28
Dose : DPDME 1000 mg/kg
Unit : g Species : Rat

Animal No.	/Day 1	4	7	14	21	28	Body weight gain
10401	483	499	514	542	556	591	108
10402	451	465	473	487	494	507	56
10403	477	482	498	513	526	545	68
10404	461	470	480	504	521	528	67
10405	446	458	461	480	492	500	54
10406	460	477	494	528	542	568	108
10407	438	442	451	469	492	516	78
10408	434	443	454	464	485	504	70
10409	415	416	426	434	452	476	61
10410	446	445	450	456	463	480	34
10411	512	514	533	565	579	610	98
10412	482	489	504	529	542	560	78
n	12	12	12	12	12	12	12
Mean	458.8	466.7	478.2	497.6	512.0	532.1	73.3
S.D.	26.4	27.7	31.3	39.1	38.6	43.0	22.4

Body weight
Sex : Female
Period : Administration Day 1-14
Dose : DPDME 0 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 1	4	7	14	Body weight gain
50151	277	282	283	290	13
50152	263	274	288	295	32
50153	274	280	284	283	9
50154	270	266	277	288	18
50155	266	267	278	289	23
50156	256	274	276	278	22
50157	255	261	262	266	11
50158	273	272	280	297	24
50159	273	268	268	283	10
50160	269	262	274	288	19
50161	247	247	247	260	13
50162	278	286	288	296	18
n	12	12	12	12	12
Mean	266.8	269.9	275.4	284.4	17.7
S.D.	9.7	10.6	11.8	11.5	6.9

Body weight of animal No. 50151 was 326 g on Day 21.

Body weight
Sex : Female
Period : Gestation Day 0-20
Dose : DPDME 0 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 0	7	14	20	Body weight gain
50151	338 $	355 $	373 $	353 $	15 $
50152	297	335	371	433	136
50153	287	328	363	435	148
50154	290	323	362	445	155
50155	294	339	373	466	172
50156	284	319	360	437	153
50157	281	319	350	419	138
50158	295	335	368	468	173
50159	287	325	374	482	195
50160	296	328	368	446	150
50161	258	300	340	430	172
50162	304	338	375	463	159
n	11	11	11	11	11
Mean	288.5	326.3	364.0	447.6	159.2
S.D.	12.1	11.3	10.8	19.5	17.5

$: Excepted data from calculation (non-pregnancy)

Body weight
Sex : Female
Period : Lactation Day 0-13
Dose : DPDME 0 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 0	4	7	13	Body weight gain
50152	342	358	370	377	35
50153	368	379	390	387	19
50154	322	347	363	371	49
50155	338	358	367	389	51
50156	336	353	378	368	32
50157	306	360	369	358	52
50158	324	366	370	380	56
50159	357	388	392	396	39
50160	318	357	380	373	55
50161	305	315	319	340	35
50162	344	370	374	362	18
n	11	11	11	11	11
Mean	332.7	359.2	370.2	372.8	40.1
S.D.	19.9	18.8	19.3	15.8	13.7

Body weight
Sex : Female
Period : Administration Day 1-14
Dose : DPDME 40 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 1	4	7	14	Body weight gain
50251	255	267	274	276	21
50252	250	264	272	277	27
50253	275	275	275	291	16
50254	286	297	308	315	29
50255	266	264	272	274	8
50256	255	254	257	269	14
50257	274	279	280	289	15
50258	278	273	285	295	17
50259	270	275	280	293	23
50260	257	253	260	268	11
50261	280	300	308	312	32
50262	296	293	295	311	15
n	12	12	12	12	12
Mean	270.2	274.5	280.5	289.2	19.0
S.D.	14.1	15.6	16.3	16.9	7.4

Body weight
Sex : Female
Period : Gestation Day 0-20
Dose : DPDME 40 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 0	7	14	20	Body weight gain
50251	283	326	365	443	160
50252	279	317	353	436	157
50253	297	324	362	440	143
50254	326	360	403	487	161
50255	290	320	358	461	171
50256	266	298	331	415	149
50257	295	335	376	456	161
50258	298	345	383	476	178
50259	296	331	376	473	177
50260	282	317	359	443	161
50261	307	367	417	519	212
50262	308	347	392	483	175
n	12	12	12	12	12
Mean	293.9	332.3	372.9	461.0	167.1
S.D.	15.7	19.7	23.5	28.2	17.8

Body weight
Sex : Female
Period : Lactation Day 0-13
Dose : DPDME 40 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 0	4	7	13	Body weight gain
50251	367	377	374	369	2
50252	326	353	358	366	40
50253	343	357	355	353	10
50254	342	385	381	407	65
50255	339	341	352	360	21
50256	287	318	334	346	59
50257	350	386	392	400	50
50258	327	350	369	388	61
50259	365	386	375	376	11
50260	302	344	360	368	66
50261	376	413	400	400	24
50262	351	402	386	404	53
n	12	12	12	12	12
Mean	339.6	367.7	369.7	378.1	38.5
S.D.	26.1	28.1	18.8	21.1	23.6

Body weight
Sex : Female
Period : Administration Day 1-14
Dose : DPDME 200 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 1	4	7	14	Body weight gain
50351	278	294	293	308	30
50352	260	270	278	287	27
50353	265	260	270	281	16
50354	263	260	270	286	23
50355	267	274	279	288	21
50356	265	270	273	292	27
50357	270	281	289	297	27
50358	257	248	264	276	19
50359	279	280	281	297	18
50360	270	267	273	282	12
50361	286	292	291	299	13
50362	278	299	310	313	35
n	12	12	12	12	12
Mean	269.8	274.6	280.9	292.2	22.3
S.D.	8.7	15.3	12.9	11.1	7.1

Body weight
Sex : Female
Period : Gestation Day 0-20
Dose : DPDME 200 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 0	7	14	20	Body weight gain
50351	306	349	398	490	184
50352	299	347	397	487	188
50353	285	319	356	435	150
50354	280	327	367	463	183
50355	299	333	379	465	166
50356	291	325	372	461	170
50357	309	338	368	433	124
50358	278	316	347	438	160
50359	292	331	376	464	172
50360	284	317	354	423	139
50361	305	323	369	455	150
50362	321	370	410	500	179
n	12	12	12	12	12
Mean	295.8	332.9	374.4	459.5	163.8
S.D.	13.1	15.9	19.1	24.3	19.8

Body weight
Sex : Female
Period : Lactation Day 0-13
Dose : DPDME 200 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 0	4	7	13	Body weight gain
50351	347	375	378	396	49
50352	384	396	392	395	11
50353	344	380	370	370	26
50354	338	383	373	392	54
50355	354	360	368	371	17
50356	346	380	381	372	26
50357	329	359	373	375	46
50358	312	332	328	342	30
50359	351	381	384	382	31
50360	351	367	379	379	28
50361	349	376	382	391	42
50362	351	400	411	425	74
n	12	12	12	12	12
Mean	346.3	374.1	376.6	382.5	36.2
S.D.	16.8	18.1	19.2	20.0	17.5

Body weight
Sex : Female
Period : Administration Day 1-14
Dose : DPDME 1000 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 1	4	7	14	Body weight gain
50451	271	261	253	271	0
50452	279	273	269	277	-2
50453	268	266	265	272	4
50454	241	251	260	254	13
50455	271	268	261	276	5
50456	257	259	266	276	19
50457	277	279	280	283	6
50458	287	282	280	299	12
50459	257	259	266	278	21
50460	267	268	270	269	2
50461	297	298	296	298	1
50462	238	241	244	253	15
n	12	12	12	12	12
Mean	267.5	267.1	267.5	275.5	8.0
S.D.	17.3	15.0	13.5	14.0	7.7

Body weight of animal No. 50457 was 342 g on Day 21.

Body weight
Sex : Female
Period : Gestation Day 0-20
Dose : DPDME 1000 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 0	7	14	20	Body weight gain
50451	273	315	344	420	147
50452	282	318	357	397	115
50453	287	334	367	446	159
50454	262	297	327	417	155
50455	278	306	335	406	128
50456	274	312	342	417	143
50457	348	382	425	504	156
50458	300	337	400	490	190
50459	280	309	349	453	173
50460	288	316	353	426	138
50461	321	362	403	498	177
50462	258	287	323	385	127
n	12	12	12	12	12
Mean	287.6	322.9	360.4	438.3	150.7
S.D.	25.3	27.0	32.4	40.2	22.2

Body weight
Sex : Female
Period : Lactation Day 0-13
Dose : DPDME 1000 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 0	4	7	13	Body weight gain
50451	311	363	360	378	67
50452	311	352	361	336	25
50453	300	375	382	394	94
50454	300	332	340	348	48
50455	317	351	348	355	38
50456	325	349	359	365	40
50457	400	419	417	422	22
50458	372	392	404	410	38
50459	327	358	367	378	51
50460	320	351	356	366	46
50461	361	394	411	420	59
50462	299	332	333	338	39
n	12	12	12	12	12
Mean	328.6	364.0	369.8	375.8	47.3
S.D.	32.2	26.3	27.7	30.2	19.4

Body weight
Sex : Female (satellite)
Period : Administration Day 1-28
Dose : DPDME 0 mg/kg
Unit : g Species : Rat

Animal No.	/Day 1	4	7	14	21	28	Body weight gain
50551	256	264	266	269	275	286	30
50552	262	263	262	261	283	287	25
50553	267	268	268	285	291	293	26
50554	275	266	286	291	297	315	40
50555	273	271	283	286	286	283	10
50556	258	264	260	273	281	285	27
50557	280	279	290	304	309	315	35
50558	280	289	298	309	314	323	43
50559	272	268	282	280	300	299	27
50560	248	254	252	256	257	269	21
n	10	10	10	10	10	10	10
Mean	267.1	268.6	274.7	281.4	289.3	295.5	28.4
S.D.	10.8	9.6	15.1	17.3	16.8	17.2	9.5

Body weight
Sex : Female (satellite)
Period : Administration Day 1-28
Dose : DPDME 1000 mg/kg
Unit : g Species : Rat

Animal No.	/Day 1	4	7	14	21	28	Body weight gain
50651	279	271	267	285	283	289	10
50652	253	246	256	271	266	284	31
50653	257	251	251	263	267	268	11
50654	267	260	273	284	287	286	19
50655	262	259	254	273	275	280	18
50656	251	257	267	276	273	290	39
50657	272	267	253	272	273	280	8
50658	282	271	281	286	284	284	2
50659	270	271	265	282	291	296	26
50660	291	261	283	312	309	326	35
n	10	10	10	10	10	10	10
Mean	268.4	261.4	265.0	280.4	280.8	288.3	19.9
S.D.	13.1	8.7	11.5	13.3	13.0	15.2	12.5

Body weight
Sex : Male
Period : Recovery Day 1-14
Dose : DPDME 0 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 1	7	14	Body weight gain
10102	543	564	577	34
10103	518	543	557	39
10107	512	524	540	28
10111	507	529	535	28
10112	542	565	584	42
n	5	5	5	5
Mean	524.4	545.0	558.6	34.2
S.D.	17.0	19.1	21.7	6.3

Body weight
Sex : Male
Period : Recovery Day 1-14
Dose : DPDME 1000 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 1	7	14	Body weight gain
10402	510	531	548	38
10403	546	574	580	34
10404	526	545	571	45
10405	505	531	540	35
10406	569	587	609	40
n	5	5	5	5
Mean	531.2	553.6	569.6	38.4
S.D.	26.5	25.6	27.4	4.4

Body weight
Sex : Female (satellite)
Period : Recovery Day 1-14
Dose : DPDME 0 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 1	7	14	Body weight gain
50556	287	294	301	14
50557	328	336	341	13
50558	309	336	345	36
50559	304	315	321	17
50560	268	267	281	13
n	5	5	5	5
Mean	299.2	309.6	317.8	18.6
S.D.	22.8	29.5	27.0	9.9

Body weight
Sex : Female (satellite)
Period : Recovery Day 1-14
Dose : DPDME 1000 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 1	7	14	Body weight gain
50656	277	301	306	29
50657	288	286	301	13
50658	292	317	352	60
50659	296	295	309	13
50660	317	351	358	41
n	5	5	5	5
Mean	294.0	310.0	325.2	31.2
S.D.	14.7	25.6	27.4	20.0

Food consumption
Sex : Male
Period : Administration Day 1-28
Dose : DPDME 0 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 4	7	14	28
10101	24.2	24.7	26.8	:::
10102	28.7	27.3	27.4	29.7
10103	23.5	25.2	26.5	26.2
10104	31.4	28.0	30.5	32.2
10105	27.1	27.5	27.4	26.8
10106	24.3	24.4	23.7	25.6
10107	24.5	24.4	25.6	24.7
10108	29.4	27.5	27.4	29.1
10109	23.9	23.0	24.1	24.4
10110	24.1	24.4	26.3	29.6
10111	25.9	25.9	26.0	25.7
10112	31.1	30.0	30.1	29.4
n	12	12	12	11
Mean	26.51	26.03	26.82	27.58
S.D.	2.94	2.03	2.02	2.53

::: : During mating

Food consumption
Sex : Male
Period : Administration Day 1-28
Dose : DPDME 40 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 4	7	14	28
10201	27.4	25.6	27.8	29.7
10202	28.3	28.3	27.4	26.6
10203	26.5	25.1	25.5	27.3
10204	30.5	30.0	29.7	31.7
10205	25.1	23.9	23.8	24.7
10206	28.0	24.1	27.5	27.1
10207	29.7	33.7	30.6	31.5
10208	31.4	28.8	29.3	31.5
10209	28.3	25.9	28.3	26.3
10210	26.6	26.9	27.2	26.6
10211	26.7	25.6	24.6	23.5
10212	25.4	26.3	26.7	27.1
n	12	12	12	12
Mean	27.83	27.02	27.37	27.80
S.D.	1.95	2.80	2.02	2.71

Food consumption
Sex : Male
Period : Administration Day 1-28
Dose : DPDME 200 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 4	7	14	28
10301	25.5	26.6	26.0	26.9
10302	24.8	27.0	27.3	28.8
10303	25.7	24.4	25.8	24.9
10304	27.6	28.9	26.8	30.4
10305	22.1	23.0	23.3	23.8
10306	24.8	27.0	26.7	27.7
10307	24.4	23.2	24.0	25.1
10308	27.1	26.8	27.2	28.9
10309	29.4	28.9	29.3	30.6
10310	30.8	28.8	31.5	33.9
10311	27.1	27.2	28.0	27.6
10312	28.7	27.9	29.5	30.3
n	12	12	12	12
Mean	26.50	26.64	27.12	28.24
S.D.	2.43	2.07	2.30	2.87

Food consumption
Sex : Male
Period : Administration Day 1-28
Dose : DPDME 1000 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 4	7	14	28
10401	25.1	28.6	29.8	31.0
10402	22.8	23.1	24.3	23.7
10403	25.2	26.3	27.1	26.7
10404	25.4	27.5	28.4	28.7
10405	24.6	23.8	24.8	25.5
10406	26.6	28.0	29.2	28.5
10407	23.1	23.4	23.6	:::
10408	26.2	25.4	24.6	28.6
10409	20.8	22.9	23.8	26.7
10410	22.5	23.3	23.7	27.5
10411	25.9	28.6	31.2	34.3
10412	24.3	26.9	28.8	30.7
n	12	12	12	11
Mean	24.38	25.65	26.61	28.35
S.D.	1.74	2.27	2.77	2.90

::: : During mating

Food consumption
Sex : Female
Period : Administration Day 1-14
Dose : DPDME 0 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 4	7	14
50151	18.2	17.6	18.6
50152	21.8	19.8	21.0
50153	19.7	18.0	18.9
50154	19.6	21.4	21.4
50155	19.0	20.1	19.8
50156	20.8	18.3	19.4
50157	17.7	17.1	19.2
50158	20.4	20.5	20.4
50159	18.5	18.3	20.8
50160	18.7	20.0	18.4
50161	15.9	16.2	17.4
50162	21.6	16.6	19.3
n	12	12	12
Mean	19.33	18.66	19.55
S.D.	1.70	1.67	1.18

Food consumption
Sex : Female
Period : Gestation Day 0-20
Dose : DPDME 0 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 7	14	20
50151	22.0 $	25.5 $	21.4 $
50152	26.0	26.8	26.5
50153	24.9	26.9	28.3
50154	25.0	27.0	27.7
50155	26.1	25.6	27.0
50156	23.7	28.7	27.3
50157	23.3	25.0	24.0
50158	24.6	27.0	25.6
50159	26.0	28.7	29.6
50160	24.8	24.2	25.6
50161	23.5	24.7	24.1
50162	23.5	27.1	25.1
n	11	11	11
Mean	24.67	26.52	26.44
S.D.	1.06	1.50	1.75

$: Excepted data from calculation (non-pregnancy)

Food consumption
Sex : Female
Period : Lactation Day 0-13
Dose : DPDME 0 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 4	7	13
50152	34.4	39.6	51.8
50153	36.2	49.8	57.5
50154	39.5	48.1	58.1
50155	45.4	47.4	62.0
50156	36.6	49.0	58.1
50157	43.2	52.6	60.6
50158	40.5	50.9	61.2
50159	44.8	49.8	58.2
50160	36.9	52.6	57.0
50161	30.9	40.7	54.9
50162	37.9	45.5	56.1
n	11	11	11
Mean	38.75	47.82	57.77
S.D.	4.47	4.34	2.92

Food consumption
Sex : Female
Period : Administration Day 1-14
Dose : DPDME 40 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 4	7	14
50251	18.5	17.6	17.3
50252	20.8	19.3	18.9
50253	19.1	19.6	21.1
50254	23.1	22.5	23.2
50255	17.6	18.4	20.1
50256	17.7	18.4	19.6
50257	19.2	19.1	19.2
50258	18.7	20.5	20.1
50259	18.7	18.9	19.2
50260	15.3	17.3	18.1
50261	22.5	20.8	21.8
50262	18.1	19.2	21.8
n	12	12	12
Mean	19.11	19.30	20.03
S.D.	2.15	1.44	1.69

Food consumption
Sex : Female
Period : Gestation Day 0-20
Dose : DPDME 40 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 7	14	20
50251	24.3	26.5	27.2
50252	24.5	26.0	27.1
50253	23.7	25.5	26.3
50254	27.4	29.0	27.8
50255	23.6	27.1	28.0
50256	22.1	24.8	24.1
50257	23.4	25.1	26.9
50258	26.1	29.4	25.5
50259	23.1	27.3	28.6
50260	22.7	25.8	24.7
50261	27.9	29.0	28.7
50262	24.4	29.0	27.9
n	12	12	12
Mean	24.43	27.04	26.90
S.D.	1.81	1.68	1.49

Food consumption
Sex : Female
Period : Lactation Day 0-13
Dose : DPDME 40 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 4	7	13
50251	33.5	46.8	56.9
50252	35.6	43.3	55.5
50253	31.3	41.3	54.6
50254	44.2	48.5	61.5
50255	34.1	45.3	57.9
50256	41.4	48.7	56.8
50257	40.9	47.2	61.0
50258	32.9	48.1	60.5
50259	30.7	37.4	50.7
50260	38.3	51.6	61.6
50261	41.7	46.6	60.5
50262	46.0	54.2	66.4
n	12	12	12
Mean	37.55	46.58	58.66
S.D.	5.22	4.46	4.11

Food consumption
Sex : Female
Period : Administration Day 1-14
Dose : DPDME 200 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 4	7	14
50351	21.3	18.0	20.4
50352	19.5	18.1	20.4
50353	18.1	19.5	18.8
50354	20.0	21.1	21.0
50355	18.2	17.4	17.6
50356	17.5	17.3	19.7
50357	17.8	17.6	19.4
50358	17.2	20.2	19.1
50359	20.1	18.2	22.6
50360	17.4	25.9	18.0
50361	19.6	19.7	20.9
50362	22.8	21.6	21.5
n	12	12	12
Mean	19.13	19.55	19.95
S.D.	1.74	2.47	1.46

Food consumption
Sex : Female
Period : Gestation Day 0-20
Dose : DPDME 200 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 7	14	20
50351	23.2	24.4	26.4
50352	25.9	32.3	29.7
50353	23.7	28.2	24.5
50354	25.1	29.9	29.1
50355	23.3	27.3	25.7
50356	23.9	26.7	26.5
50357	23.2	23.7	23.1
50358	24.5	24.5	23.0
50359	24.5	28.6	28.7
50360	23.2	26.0	25.8
50361	23.1	25.8	26.4
50362	29.3	31.0	31.1
n	12	12	12
Mean	24.41	27.37	26.67
S.D.	1.78	2.72	2.55

Food consumption
Sex : Female
Period : Lactation Day 0-13
Dose : DPDME 200 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 4	7	13
50351	30.5	45.4	55.7
50352	39.2	45.3	53.5
50353	36.6	45.5	53.1
50354	44.8	49.0	66.0
50355	24.9	40.0	53.0
50356	39.6	47.7	53.6
50357	41.2	49.3	59.1
50358	30.8	40.6	54.1
50359	37.0	44.4	55.8
50360	29.7	39.7	47.2
50361	34.3	49.6	59.9
50362	41.1	53.5	63.7
n	12	12	12
Mean	35.81	45.83	56.23
S.D.	5.86	4.27	5.17

Food consumption
Sex : Female
Period : Administration Day 1-14
Dose : DPDME 1000 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 4	7	14
50451	12.8	15.4	16.8
50452	12.4	15.3	18.2
50453	18.1	18.3	19.2
50454	16.2	16.4	17.9
50455	16.0	16.6	18.6
50456	15.4	17.0	18.5
50457	15.3	14.7	18.0
50458	17.4	17.2	20.6
50459	17.4	17.8	18.6
50460	15.6	15.3	17.8
50461	18.1	17.7	18.2
50462	13.8	13.7	16.1
n	12	12	12
Mean	15.71	16.28	18.21
S.D.	1.93	1.41	1.12

Food consumption
Sex : Female
Period : Gestation Day 0-20
Dose : DPDME 1000 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 7	14	20
50451	20.1	22.2	22.6
50452	23.1	26.4	22.5
50453	26.2	29.8	26.9
50454	20.7	22.6	23.2
50455	22.7	24.1	25.1
50456	23.1	25.0	25.6
50457	24.0	27.1	30.7
50458	25.9	30.6	28.2
50459	21.0	24.1	26.4
50460	21.9	24.2	24.5
50461	25.5	27.5	28.0
50462	19.8	23.4	23.6
n	12	12	12
Mean	22.83	25.58	25.61
S.D.	2.23	2.72	2.54

Food consumption
Sex : Female
Period : Lactation Day 0-13
Dose : DPDME 1000 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 4	7	13
50451	33.9	41.7	50.4
50452	29.4	41.0	48.5
50453	36.3	48.9	60.1
50454	28.3	43.3	50.2
50455	33.0	42.3	50.9
50456	32.7	43.4	53.8
50457	40.8	49.7	57.3
50458	37.2	47.5	57.3
50459	34.8	44.9	56.6
50460	33.4	41.5	49.4
50461	38.3	46.8	54.4
50462	37.6	48.0	57.5
n	12	12	12
Mean	34.64	44.92	53.87
S.D.	3.64	3.13	3.89

Food consumption
Sex : Female (satellite)
Period : Administration Day 1-28
Dose : DPDME 0 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 4	7	14	21	28
50551	18.0	17.7	18.5	17.8	18.3
50552	19.8	17.8	19.9	21.2	19.3
50553	20.1	20.1	20.9	19.2	18.5
50554	17.5	20.4	18.1	20.6	21.6
50555	18.8	20.0	18.5	17.5	18.1
50556	19.5	18.1	19.7	18.8	18.4
50557	20.3	21.4	21.3	21.7	23.0
50558	21.0	18.9	20.3	20.9	20.6
50559	19.1	21.2	19.2	19.5	20.1
50560	18.6	14.5	17.3	17.2	18.5
n	10	10	10	10	10
Mean	19.27	19.01	19.37	19.44	19.64
S.D.	1.08	2.08	1.28	1.62	1.66

Food consumption
Sex : Female (satellite)
Period : Administration Day 1-28
Dose : DPDME 1000 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 4	7	14	21	28
50651	14.2	16.7	18.4	16.8	17.8
50652	13.1	15.5	18.0	17.2	19.2
50653	14.4	16.8	19.1	18.1	18.7
50654	13.3	18.1	18.8	18.0	19.3
50655	13.9	15.3	19.1	17.5	18.9
50656	17.5	21.3	19.3	21.6	22.0
50657	13.9	14.2	18.0	16.6	18.0
50658	16.3	17.6	18.1	17.2	19.3
50659	15.3	19.1	21.1	19.9	20.8
50660	3.7	17.7	23.9	20.2	20.6
n	10	10	10	10	10
Mean	13.56	17.23	19.38	18.31	19.46
S.D.	3.73	2.04	1.83	1.68	1.31

Food consumption
Sex : Male
Period : Recovery Day 1-14
Dose : DPDME 0 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 7	14
10102	29.3	28.0
10103	28.6	27.4
10107	25.6	25.8
10111	28.6	26.5
10112	32.6	32.6
n	5	5
Mean	28.94	28.06
S.D.	2.50	2.67

Food consumption
Sex : Male
Period : Recovery Day 1-14
Dose : DPDME 1000 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 7	14
10402	27.3	27.8
10403	31.2	27.3
10404	32.3	32.2
10405	29.5	29.6
10406	31.9	32.4
n	5	5
Mean	30.44	29.86
S.D.	2.06	2.39

Food consumption
Sex : Female (satellite)
Period : Recovery Day 1-14
Dose : DPDME 0 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 7	14
50556	19.1	19.4
50557	25.6	22.6
50558	23.6	21.7
50559	21.4	19.3
50560	17.6	19.8
n	5	5
Mean	21.46	20.56
S.D.	3.25	1.50

Food consumption
Sex : Female (satellite)
Period : Recovery Day 1-14
Dose : DPDME 1000 mg/kg
Unit : g
Species : Rat

Animal No.	/Day 7	14
50656	24.9	22.0
50657	20.7	20.5
50658	26.2	26.8
50659	23.6	23.9
50660	26.0	24.0
n	5	5
Mean	24.28	23.44
S.D.	2.25	2.37

Urinary findings
Sex : Male
Stage : Week 4
Dose : DPDME 0 mg/kg
Species : Rat

Animal No.	pH	Glucose	Ketone body	Urobilinogen EU/dL	Bilirubin	Occult blood	Color	Protein
10102	8.5	-	-	0.1	-	-	A	±
10103	8.5	-	-	0.1	-	-	A	±
10107	8.5	-	-	0.1	-	±	A	±
10111	8.5	-	-	0.1	-	+	A	+
10112	8.5	-	-	0.1	-	-	A	±
n	5	5	5	5	5	5	5	5

Color) A : Pale yellow or yellow, B : Orange yellow, C : Red brown, D : Creamy white

Urinary findings
Sex : Male
Stage : Week 4
Dose : DPDME 0 mg/kg
Species : Rat

Animal No.	Urine volume mL/21hr
10102	18.0
10103	13.0
10107	12.0
10111	15.0
10112	12.0
n	5
Mean	14.00
S.D.	2.55

Urinary findings
Sex : Male
Stage : Week 4
Dose : DPDME 0 mg/kg
Species : Rat

Animal No.	Specific gravity	RBC	WBC	Squamous	Round	Small round	Cast
10102	4	-	-	-	-	-	-
10103	5	-	-	±	-	-	-
10107	5	-	-	-	-	-	-
10111	4	-	-	-	-	-	-
10112	5	-	-	±	-	-	-
n	5	5	5	5	5	5	5

Specific gravity) 0;1.001～1.010,1;1.011～1.020,2;1.021～1.030,3;1.031～1.040,4;1.041～1.050,5;1.050＜

Urinary findings
Sex : Male
Stage : Week 4
Dose : DPDME 40 mg/kg
Species : Rat

Animal No.	pH	Glucose	Ketone body	Urobilinogen EU/dL	Bilirubin	Occult blood	Color	Protein
10202	8.5	-	-	0.1	-	-	A	2+
10206	8.5	-	-	0.1	-	-	A	±
10209	8.5	-	-	0.1	-	-	A	2+
10211	8.5	-	-	0.1	-	-	A	+
10212	8.5	-	-	0.1	-	-	A	±
n	5	5	5	5	5	5	5	5

Color) A : Pale yellow or yellow, B : Orange yellow, C : Red brown, D : Creamy white

Urinary findings
Sex : Male
Stage : Week 4
Dose : DPDME 40 mg/kg
Species : Rat

Animal No.	Urine volume mL/21hr
10202	11.5
10206	23.0
10209	10.0
10211	10.5
10212	14.0
n	5
Mean	13.80
S.D.	5.37

Urinary findings
Sex : Male
Stage : Week 4
Dose : DPDME 40 mg/kg
Species : Rat

Animal No.	Specific gravity	RBC	WBC	Squamous	Round	Small round	Cast
10202	5	-	-	-	-	-	-
10206	3	-	-	-	-	-	-
10209	5	-	-	-	-	-	-
10211	5	-	-	-	-	-	-
10212	5	-	-	-	-	-	-
n	5	5	5	5	5	5	5

Specific gravity) 0;1.001～1.010,1;1.011～1.020,2;1.021～1.030,3;1.031～1.040,4;1.041～1.050,5;1.050＜

Urinary findings
Sex : Male
Stage : Week 4
Dose : DPDME 200 mg/kg
Species : Rat

Animal No.	pH	Glucose	Ketone body	Urobilinogen EU/dL	Bilirubin	Occult blood	Color	Protein
10302	8.5	-	-	0.1	-	-	A	-
10303	8.5	-	-	0.1	-	-	A	±
10306	8.5	-	-	0.1	-	-	A	±
10308	8.5	-	-	0.1	-	-	A	±
10311	8.5	-	-	0.1	-	-	A	±
n	5	5	5	5	5	5	5	5

Color) A : Pale yellow or yellow, B : Orange yellow, C : Red brown, D : Creamy white

Urinary findings
Sex : Male
Stage : Week 4
Dose : DPDME 200 mg/kg
Species : Rat

Animal No.	Urine volume mL/21hr
10302	14.0
10303	13.5
10306	13.5
10308	16.5
10311	16.5
n	5
Mean	14.80
S.D.	1.57

Urinary findings
Sex : Male
Stage : Week 4
Dose : DPDME 200 mg/kg
Species : Rat

Animal No.	Specific gravity	RBC	WBC	Squamous	Round	Small round	Cast
10302	4	-	-	-	-	-	-
10303	4	-	-	±	-	-	-
10306	4	-	-	±	-	-	-
10308	4	-	-	-	-	-	-
10311	4	-	-	-	-	-	-
n	5	5	5	5	5	5	5

Specific gravity) 0;1.001～1.010,1;1.011～1.020,2;1.021～1.030,3;1.031～1.040,4;1.041～1.050,5;1.050＜

Urinary findings
Sex : Male

Stage : Week 4
Dose : DPDME 1000 mg/kg

Species : Rat

Animal No.	pH	Glucose	Ketone body	Urobilinogen EU/dL	Bilirubin	Occult blood	Color	Protein
10402	8.5	-	-	0.1	-	-	A	±
10403	8.0	-	-	0.1	-	-	A	±
10404	8.5	-	-	0.1	-	-	A	+
10405	8.5	-	-	0.1	-	±	A	±
10406	8.5	-	-	0.1	-	-	A	±
n	5	5	5	5	5	5	5	5

Color) A : Pale yellow or yellow, B : Orange yellow, C : Red brown, D : Creamy white

Urinary findings
Sex : Male
Stage : Week 4
Dose : DPDME 1000 mg/kg
Species : Rat

Animal No.	Urine volume mL/21hr
10402	15.5
10403	30.0
10404	13.5
10405	15.5
10406	35.0
n	5
Mean	21.90
S.D.	9.87

Urinary findings
Sex : Male
Stage : Week 4
Dose : DPDME 1000 mg/kg
Species : Rat

Animal No.	Specific gravity	RBC	WBC	Squamous	Round	Small round	Cast
10402	4	-	-	-	-	-	-
10403	3	-	-	-	-	-	-
10404	5	-	-	±	-	-	-
10405	4	-	-	±	-	-	-
10406	3	-	-	-	-	-	-
n	5	5	5	5	5	5	5

Specific gravity) 0;1.001～1.010,1;1.011～1.020,2;1.021～1.030,3;1.031～1.040,4;1.041～1.050,5;1.050＜

Urinary findings
Sex : Female (satellite)
Stage : Week 4
Dose : DPDME 0 mg/kg
Species : Rat

Animal No.	pH	Glucose	Ketone body	Urobilinogen EU/dL	Bilirubin	Occult blood	Color	Protein
50556	8.5	-	-	0.1	-	-	A	±
50557	8.0	-	-	0.1	-	-	A	±
50558	8.5	-	-	0.1	-	-	A	±
50559	8.5	-	-	0.1	-	-	A	-
50560	8.5	-	-	0.1	-	-	A	±
n	5	5	5	5	5	5	5	5

Color) A : Pale yellow or yellow, B : Orange yellow, C : Red brown, D : Creamy white

Urinary findings
Sex : Female (satellite)
Stage : Week 4
Dose : DPDME 0 mg/kg
Species : Rat

Animal No.	Urine volume mL/21hr
50556	15.5
50557	19.0
50558	8.5
50559	16.5
50560	9.5
n	5
Mean	13.80
S.D.	4.58

Urinary findings Stage : Week 4
Sex : Female (satellite) Dose : DPDME 0 mg/kg Species : Rat

Animal No.	Specific gravity	RBC	WBC	Squamous	Round	Small round	Cast
50556	4	-	-	-	-	-	-
50557	3	-	-	-	-	-	-
50558	5	-	-	-	-	-	-
50559	3	-	-	-	-	-	-
50560	4	-	-	-	-	-	-
n	5	5	5	5	5	5	5

Specific gravity) 0;1.001～1.010,1;1.011～1.020,2;1.021～1.030,3;1.031～1.040,4;1.041～1.050,5;1.050＜

Urinary findings Stage : Week 4
Sex : Female (satellite) Dose : DPDME 1000 mg/kg Species : Rat

Animal No.	pH	Glucose	Ketone body	Urobilinogen EU/dL	Bilirubin	Occult blood	Color	Protein
50656	8.5	-	-	0.1	-	-	A	±
50657	8.5	-	-	0.1	-	-	A	±
50658	8.5	-	-	0.1	-	-	A	±
50659	8.5	-	-	0.1	-	±	A	±
50660	8.0	-	-	0.1	-	-	A	-
n	5	5	5	5	5	5	5	5

Color) A : Pale yellow or yellow, B : Orange yellow, C : Red brown, D : Creamy white

Urinary findings
Sex : Female (satellite)
Stage : Week 4
Dose : DPDME 1000 mg/kg
Species : Rat

Animal No.	Urine volume mL/21hr
50656	9.0
50657	8.5
50658	11.5
50659	8.0
50660	14.5
n	5
Mean	10.30
S.D.	2.71

Urinary findings
Sex : Female (satellite)
Stage : Week 4
Dose : DPDME 1000 mg/kg
Species : Rat

Animal No.	Specific gravity	RBC	WBC	Squamous	Round	Small round	Cast
50656	5	-	-	-	-	-	-
50657	5	-	-	-	-	-	-
50658	4	-	-	-	-	-	-
50659	5	-	-	-	-	-	-
50660	4	-	-	-	-	-	-
n	5	5	5	5	5	5	5

Specific gravity) 0;1.001～1.010,1;1.011～1.020,2;1.021～1.030,3;1.031～1.040,4;1.041～1.050,5;1.050＜

Urinary findings
Sex : Male

Stage : Recovery week 2
Dose : DPDME 0 mg/kg

Species : Rat

Animal No.	pH	Glucose	Ketone body	Urobilinogen EU/dL	Bilirubin	Occult blood	Color	Protein
10102	8.5	-	-	0.1	-	-	A	+
10103	8.5	-	-	0.1	-	-	A	2+
10107	8.5	-	-	0.1	-	-	A	2+
10111	8.5	-	-	0.1	-	-	A	2+
10112	8.5	-	-	0.1	-	-	A	+
n	5	5	5	5	5	5	5	5

Color) A : Pale yellow or yellow, B : Orange yellow, C : Red brown, D : Creamy white

Urinary findings
Sex : Male
Stage : Recovery week 2
Dose : DPDME 0 mg/kg
Species : Rat

Animal No.	Urine volume mL/21hr
10102	15.0
10103	11.5
10107	9.0
10111	8.5
10112	10.5
n	5
Mean	10.90
S.D.	2.58

Urinary findings
Sex : Male
Stage : Recovery week 2
Dose : DPDME 0 mg/kg
Species : Rat

Animal No.	Specific gravity	RBC	WBC	Squamous	Round	Small round	Cast
10102	4	-	-	-	-	-	-
10103	5	-	-	-	-	-	-
10107	5	-	-	-	-	-	-
10111	5	-	-	-	-	-	-
10112	5	-	-	-	-	-	-
n	5	5	5	5	5	5	5

Specific gravity) 0;1.001～1.010,1;1.011～1.020,2;1.021～1.030,3;1.031～1.040,4;1.041～1.050,5;1.050＜

Urinary findings
Sex : Male

Stage : Recovery week 2
Dose : DPDME 1000 mg/kg

Species : Rat

Animal No.	pH	Glucose	Ketone body	Urobilinogen EU/dL	Bilirubin	Occult blood	Color	Protein
10402	8.5	-	-	0.1	-	-	A	+
10403	8.5	-	-	0.1	-	±	A	±
10404	8.5	-	-	0.1	-	+	A	2+
10405	8.5	-	-	0.1	-	-	A	3+
10406	8.5	-	-	0.1	-	-	A	+
n	5	5	5	5	5	5	5	5

Color) A : Pale yellow or yellow, B : Orange yellow, C : Red brown, D : Creamy white

Urinary findings
Sex : Male
Stage : Recovery week 2
Dose : DPDME 1000 mg/kg
Species : Rat

Animal No.	Urine volume mL/21hr
10402	11.5
10403	33.5
10404	12.0
10405	9.5
10406	24.0
n	5
Mean	18.10
S.D.	10.33

Urinary findings
Sex : Male
Stage : Recovery week 2
Dose : DPDME 1000 mg/kg
Species : Rat

Animal No.	Specific gravity	RBC	WBC	Squamous	Round	Small round	Cast
10402	5	-	-	-	-	-	-
10403	2	-	-	-	-	-	-
10404	5	-	-	-	-	-	-
10405	5	-	-	-	-	-	-
10406	3	-	-	±	-	-	-
n	5	5	5	5	5	5	5

Specific gravity) 0;1.001～1.010,1;1.011～1.020,2;1.021～1.030,3;1.031～1.040,4;1.041～1.050,5;1.050＜

Urinary findings
Sex : Female (satellite)
Stage : Recovery week 2
Dose : DPDME 0 mg/kg
Species : Rat

Animal No.	pH	Glucose	Ketone body	Urobilinogen EU/dL	Bilirubin	Occult blood	Color	Protein
50556	8.5	-	-	0.1	-	+	A	2+
50557	8.0	-	-	0.1	-	-	A	+
50558	8.5	-	-	0.1	-	-	A	+
50559	8.5	-	-	0.1	-	-	A	2+
50560	8.5	-	-	0.1	-	-	A	2+
n	5	5	5	5	5	5	5	5

Color) A : Pale yellow or yellow, B : Orange yellow, C : Red brown, D : Creamy white

Urinary findings
Sex : Female (satellite)
Stage : Recovery week 2
Dose : DPDME 0 mg/kg
Species : Rat

Animal No.	Urine volume mL/21hr
50556	9.5
50557	9.5
50558	10.5
50559	5.5
50560	4.5
n	5
Mean	7.90
S.D.	2.70

Urinary findings
Sex : Female (satellite)
Stage : Recovery week 2
Dose : DPDME 0 mg/kg
Species : Rat

Animal No.	Specific gravity	RBC	WBC	Squamous	Round	Small round	Cast
50556	4	-	-	-	-	-	-
50557	5	-	-	±	-	-	-
50558	4	-	-	-	-	-	-
50559	5	-	-	±	-	-	-
50560	5	-	-	-	-	-	-
n	5	5	5	5	5	5	5

Specific gravity) 0;1.001～1.010,1;1.011～1.020,2;1.021～1.030,3;1.031～1.040,4;1.041～1.050,5;1.050＜

Urinary findings
Sex : Female (satellite)

Stage : Recovery week 2
Dose : DPDME 1000 mg/kg

Species : Rat

Animal No.	pH	Glucose	Ketone body	Urobilinogen EU/dL	Bilirubin	Occult blood	Color	Protein
50656	8.5	-	-	0.1	-	-	A	2+
50657	8.5	-	-	0.1	-	±	A	+
50658	8.5	-	-	0.1	-	-	A	2+
50659	8.5	-	-	0.1	-	-	A	2+
50660	7.5	-	-	0.1	-	-	A	+
n	5	5	5	5	5	5	5	5

Color) A : Pale yellow or yellow, B : Orange yellow, C : Red brown, D : Creamy white

Urinary findings
Sex : Female (satellite)
Stage : Recovery week 2
Dose : DPDME 1000 mg/kg
Species : Rat

Animal No.	Urine volume mL/21hr
50656	5.0
50657	8.0
50658	15.5
50659	8.0
50660	7.5
n	5
Mean	8.80
S.D.	3.95

Urinary findings
Sex : Female (satellite)
Stage : Recovery week 2
Dose : DPDME 1000 mg/kg
Species : Rat

Animal No.	Specific gravity	RBC	WBC	Squamous	Round	Small round	Cast
50656	5	-	-	-	-	-	-
50657	5	-	-	-	-	-	-
50658	4	-	-	-	-	-	-
50659	4	-	-	-	-	-	-
50660	5	-	-	±	-	-	-
n	5	5	5	5	5	5	5

Specific gravity) 0;1.001～1.010,1;1.011～1.020,2;1.021～1.030,3;1.031～1.040,4;1.041～1.050,5;1.050＜

Hematological findings Stage : Day 29
Sex : Male Dose : DPDME 0 mg/kg Species : Rat

Animal No.	RBC $10^4/\mu L$	HGB g/dL	HCT %	MCV fL	MCH pg	MCHC g/dL	Reticulocyte %	Platelet $10^4/\mu L$	WBC $10^2/\mu L$	Neutrophil $10^2/\mu L$	Lymphocyte $10^2/\mu L$
10101	799	14.1	38.8	48.6	17.6	36.3	3.70	106.3	107.6	18.7	84.6
10104	862	15.6	42.5	49.3	18.1	36.7	4.29	94.0	98.7	16.7	73.2
10105	871	14.7	40.3	46.3	16.9	36.5	3.80	101.5	82.3	19.1	57.7
10106	916	15.9	44.0	48.0	17.4	36.1	3.08	84.8	65.4	19.4	41.9
10108	924	15.8	42.8	46.3	17.1	36.9	3.25	97.0	65.0	17.5	42.1
n	5	5	5	5	5	5	5	5	5	5	5
Mean	874.4	15.22	41.68	47.70	17.42	36.50	3.624	96.72	83.80	18.28	59.90
S.D.	50.1	0.79	2.09	1.36	0.47	0.32	0.479	8.13	19.25	1.14	18.93

Animal No.	Monocyte $10^2/\mu L$	Eosinophil $10^2/\mu L$	Basophil $10^2/\mu L$	PT sec	APTT sec
10101	2.8	1.5	0.0	19.3	16.6
10104	7.2	1.6	0.0	19.1	18.6
10105	3.8	1.7	0.0	20.8	16.9
10106	3.1	0.9	0.1	19.3	16.9
10108	3.6	1.8	0.0	16.7	15.8
n	5	5	5	5	5
Mean	4.10	1.50	0.02	19.04	16.96
S.D.	1.78	0.35	0.04	1.48	1.02

Hematological findings Stage : Day 29
Sex : Male Dose : DPDME 40 mg/kg Species : Rat

Animal No.	RBC $10^4/\mu L$	HGB g/dL	HCT %	MCV fL	MCH pg	MCHC g/dL	Reticulocyte %	Platelet $10^4/\mu L$	WBC $10^2/\mu L$	Neutrophil $10^2/\mu L$	Lymphocyte $10^2/\mu L$
10201	870	15.4	41.8	48.0	17.7	36.8	3.35	98.6	81.8	9.9	66.6
10203	844	16.4	46.2	54.7	19.4	35.5	4.07	91.9	87.4	8.7	74.6
10204	843	14.4	39.7	47.1	17.1	36.3	3.01	118.5	59.3	12.2	42.3
10205	951	17.1	47.2	49.6	18.0	36.2	2.77	85.8	66.6	14.3	48.0
10207	860	14.8	41.0	47.7	17.2	36.1	4.08	111.7	81.5	16.5	58.7
n	5	5	5	5	5	5	5	5	5	5	5
Mean	873.6	15.62	43.18	49.42	17.88	36.18	3.456	101.30	75.32	12.32	58.04
S.D.	44.7	1.12	3.32	3.09	0.93	0.47	0.601	13.60	11.82	3.18	13.20

Animal No.	Monocyte $10^2/\mu L$	Eosinophil $10^2/\mu L$	Basophil $10^2/\mu L$	PT sec	APTT sec
10201	4.4	0.9	0.0	21.1	17.3
10203	2.7	1.4	0.0	24.5	17.9
10204	4.1	0.7	0.0	17.7	18.0
10205	3.2	1.1	0.0	24.3	20.7
10207	5.2	1.0	0.1	18.4	18.6
n	5	5	5	5	5
Mean	3.92	1.02	0.02	21.20	18.50
S.D.	0.99	0.26	0.04	3.19	1.31

Hematological findings
Sex : Male

Stage : Day 29
Dose : DPDME 200 mg/kg

Species : Rat

Animal No.	RBC $10^4/\mu L$	HGB g/dL	HCT %	MCV fL	MCH pg	MCHC g/dL	Reticulocyte %	Platelet $10^4/\mu L$	WBC $10^2/\mu L$	Neutrophil $10^2/\mu L$	Lymphocyte $10^2/\mu L$
10301	852	15.7	43.8	51.4	18.4	35.8	3.37	91.4	90.0	13.0	73.2
10304	843	14.3	40.0	47.4	17.0	35.8	4.76	114.2	89.8	23.3	61.2
10305	874	16.5	45.3	51.8	18.9	36.4	3.58	108.2	67.7	17.7	46.2
10307	873	15.8	43.7	50.1	18.1	36.2	2.72	92.5	60.6	12.0	44.6
10309	863	15.4	42.9	49.7	17.8	35.9	3.00	119.9	74.3	16.8	52.0
n	5	5	5	5	5	5	5	5	5	5	5
Mean	861.0	15.54	43.14	50.08	18.04	36.02	3.486	105.24	76.48	16.56	55.44
S.D.	13.4	0.80	1.96	1.73	0.71	0.27	0.786	12.82	13.17	4.48	11.87

Animal No.	Monocyte $10^2/\mu L$	Eosinophil $10^2/\mu L$	Basophil $10^2/\mu L$	PT sec	APTT sec
10301	3.1	0.7	0.0	21.0	21.1
10304	4.0	1.2	0.1	18.4	17.8
10305	3.4	0.4	0.0	19.2	17.7
10307	2.5	1.5	0.0	24.8	21.3
10309	4.4	1.1	0.0	22.5	16.9
n	5	5	5	5	5
Mean	3.48	0.98	0.02	21.18	18.96
S.D.	0.75	0.43	0.04	2.58	2.08

Hematological findings Stage : Day 29
Sex : Male Dose : DPDME 1000 mg/kg Species : Rat

Animal No.	RBC $10^4/\mu L$	HGB g/dL	HCT %	MCV fL	MCH pg	MCHC g/dL	Reticulocyte %	Platelet $10^4/\mu L$	WBC $10^2/\mu L$	Neutrophil $10^2/\mu L$	Lymphocyte $10^2/\mu L$
10401	799	15.1	41.9	52.4	18.9	36.0	3.44	97.8	52.7	10.6	38.8
10407	891	15.7	44.5	49.9	17.6	35.3	3.28	91.2	63.3	10.6	48.1
10408	839	15.2	44.9	53.5	18.1	33.9	3.02	84.3	87.4	20.7	58.9
10409	877	15.3	43.0	49.0	17.4	35.6	3.12	112.4	49.6	10.8	34.4
10410	817	14.0	39.0	47.7	17.1	35.9	4.25	144.1	109.4	15.8	86.2
n	5	5	5	5	5	5	5	5	5	5	5
Mean	844.6	15.06	42.66	50.50	17.82	35.34	3.422	105.96	72.48	13.70	53.28
S.D.	39.0	0.63	2.37	2.40	0.70	0.85	0.490	23.72	25.42	4.50	20.67

Animal No.	Monocyte $10^2/\mu L$	Eosinophil $10^2/\mu L$	Basophil $10^2/\mu L$	PT sec	APTT sec
10401	2.5	0.8	0.0	19.8	16.7
10407	3.8	0.7	0.1	29.6	19.9
10408	6.4	1.4	0.0	20.7	18.4
10409	3.7	0.7	0.0	27.0	26.8
10410	5.3	2.1	0.0	28.6	24.4
n	5	5	5	5	5
Mean	4.34	1.14	0.02	25.14	21.24
S.D.	1.52	0.61	0.04	4.57	4.22

Hematological findings
Sex : Female

Stage : Day 14 after parturition
Dose : DPDME 0 mg/kg

Species : Rat

Animal No.	RBC $10^4/\mu L$	HGB g/dL	HCT %	MCV fL	MCH pg	MCHC g/dL	Reticulocyte %	Platelet $10^4/\mu L$	WBC $10^2/\mu L$	Neutrophil $10^2/\mu L$	Lymphocyte $10^2/\mu L$
50152	846	15.7	42.9	50.7	18.6	36.6	2.88	86.1	71.0	23.2	44.4
50154	766	15.3	41.8	54.6	20.0	36.6	3.85	100.0	119.5	55.2	57.1
50155	826	16.2	44.0	53.3	19.6	36.8	4.12	136.3	95.2	47.8	46.3
50159	840	17.1	48.9	58.2	20.4	35.0	3.55	115.6	126.4	33.0	84.2
50161	861	15.9	43.5	50.5	18.5	36.6	3.66	112.9	95.2	45.0	44.7
n	5	5	5	5	5	5	5	5	5	5	5
Mean	827.8	16.04	44.22	53.46	19.42	36.32	3.612	110.18	101.46	40.84	55.34
S.D.	36.8	0.68	2.74	3.17	0.84	0.74	0.463	18.73	22.10	12.69	16.96

Animal No.	Monocyte $10^2/\mu L$	Eosinophil $10^2/\mu L$	Basophil $10^2/\mu L$	PT sec	APTT sec
50152	2.6	0.8	0.0	17.0	13.0
50154	6.9	0.2	0.1	18.4	13.3
50155	0.7	0.4	0.0	17.6	15.1
50159	8.0	1.1	0.1	19.3	16.5
50161	4.4	1.1	0.0	16.8	14.6
n	5	5	5	5	5
Mean	4.52	0.72	0.04	17.82	14.50
S.D.	3.00	0.41	0.05	1.04	1.42

Hematological findings
Sex : Female

Stage : Day 14 after parturition
Dose : DPDME 40 mg/kg

Species : Rat

Animal No.	RBC $10^4/\mu L$	HGB g/dL	HCT %	MCV fL	MCH pg	MCHC g/dL	Reticulocyte %	Platelet $10^4/\mu L$	WBC $10^2/\mu L$	Neutrophil $10^2/\mu L$	Lymphocyte $10^2/\mu L$
50253	761	14.5	39.9	52.4	19.1	36.3	4.27	113.0	88.0	44.2	38.5
50256	789	16.2	45.9	58.2	20.5	35.3	4.84	96.3	65.1	27.1	36.0
50257	806	14.9	41.8	51.9	18.5	35.6	3.48	116.7	85.4	27.8	51.9
50259	793	15.4	43.3	54.6	19.4	35.6	4.79	104.4	88.9	27.8	55.0
50261	775	14.9	42.2	54.5	19.2	35.3	3.93	131.3	137.0	38.9	90.7
n	5	5	5	5	5	5	5	5	5	5	5
Mean	784.8	15.18	42.62	54.32	19.34	35.62	4.262	112.34	92.88	33.16	54.42
S.D.	17.3	0.65	2.21	2.49	0.73	0.41	0.578	13.22	26.52	7.89	21.88

Animal No.	Monocyte $10^2/\mu L$	Eosinophil $10^2/\mu L$	Basophil $10^2/\mu L$	PT sec	APTT sec
50253	4.3	1.0	0.0	17.1	14.3
50256	1.6	0.3	0.1	18.2	15.1
50257	4.6	1.0	0.1	17.8	13.0
50259	4.4	1.7	0.0	17.0	13.6
50261	6.0	1.4	0.0	18.4	13.6
n	5	5	5	5	5
Mean	4.18	1.08	0.04	17.70	13.92
S.D.	1.60	0.53	0.05	0.63	0.80

Hematological findings
Sex : Female

Stage : Day 14 after parturition
Dose : DPDME 200 mg/kg

Species : Rat

Animal No.	RBC $10^4/\mu L$	HGB g/dL	HCT %	MCV fL	MCH pg	MCHC g/dL	Reticulocyte %	Platelet $10^4/\mu L$	WBC $10^2/\mu L$	Neutrophil $10^2/\mu L$	Lymphocyte $10^2/\mu L$
50353	775	15.5	43.7	56.4	20.0	35.5	3.66	122.7	108.1	36.5	63.7
50354	776	15.5	43.3	55.8	20.0	35.8	3.55	113.0	91.3	29.8	55.4
50356	809	16.1	44.7	55.3	19.9	36.0	3.17	110.2	103.5	40.7	55.8
50359	844	16.1	43.9	52.0	19.1	36.7	2.98	122.9	73.1	39.2	32.0
50361	844	17.3	48.5	57.5	20.5	35.7	4.82	100.3	79.4	31.2	46.9
n	5	5	5	5	5	5	5	5	5	5	5
Mean	809.6	16.10	44.82	55.40	19.90	35.94	3.636	113.82	91.08	35.48	50.76
S.D.	34.3	0.73	2.12	2.07	0.50	0.46	0.717	9.46	15.03	4.81	12.05

Animal No.	Monocyte $10^2/\mu L$	Eosinophil $10^2/\mu L$	Basophil $10^2/\mu L$	PT sec	APTT sec
50353	6.6	1.1	0.2	18.3	13.1
50354	5.5	0.6	0.0	17.2	14.4
50356	5.5	1.4	0.1	18.4	13.1
50359	1.5	0.4	0.0	17.3	14.8
50361	0.5	0.7	0.1	16.7	14.9
n	5	5	5	5	5
Mean	3.92	0.84	0.08	17.58	14.06
S.D.	2.73	0.40	0.08	0.74	0.90

Hematological findings
Sex : Female

Stage : Day 14 after parturition
Dose : DPDME 1000 mg/kg

Species : Rat

Animal No.	RBC $10^4/\mu L$	HGB g/dL	HCT %	MCV fL	MCH pg	MCHC g/dL	Reticulocyte %	Platelet $10^4/\mu L$	WBC $10^2/\mu L$	Neutrophil $10^2/\mu L$	Lymphocyte $10^2/\mu L$
50451	822	15.7	43.7	53.2	19.1	35.9	3.40	143.1	67.1	28.9	37.3
50452	807	15.4	42.2	52.3	19.1	36.5	4.06	130.1	87.8	43.8	37.2
50455	782	15.5	43.0	55.0	19.8	36.0	3.17	93.8	123.6	52.7	64.1
50456	756	14.8	41.4	54.8	19.6	35.7	4.30	104.5	82.4	33.1	46.3
50458	904	16.3	44.6	49.3	18.0	36.5	3.43	98.0	109.1	69.3	34.4
n	5	5	5	5	5	5	5	5	5	5	5
Mean	814.2	15.54	42.98	52.92	19.12	36.12	3.672	113.90	94.00	45.56	43.86
S.D.	56.1	0.54	1.25	2.31	0.70	0.36	0.482	21.57	22.37	16.21	12.17

Animal No.	Monocyte $10^2/\mu L$	Eosinophil $10^2/\mu L$	Basophil $10^2/\mu L$	PT sec	APTT sec
50451	0.6	0.3	0.0	16.1	15.9
50452	6.0	0.8	0.0	17.0	14.5
50455	5.7	1.0	0.1	17.0	12.7
50456	2.9	0.1	0.0	17.1	13.2
50458	3.9	1.5	0.0	16.4	15.5
n	5	5	5	5	5
Mean	3.82	0.74	0.02	16.72	14.36
S.D.	2.21	0.56	0.04	0.44	1.40

Hematological findings
Sex : Female (satellite)

Stage : Day 29
Dose : DPDME 0 mg/kg

Species : Rat

Animal No.	RBC $10^4/\mu L$	HGB g/dL	HCT %	MCV fL	MCH pg	MCHC g/dL	Reticulocyte %	Platelet $10^4/\mu L$	WBC $10^2/\mu L$	Neutrophil $10^2/\mu L$	Lymphocyte $10^2/\mu L$
50551	803	14.5	39.9	49.7	18.1	36.3	2.04	94.1	31.2	7.6	22.1
50552	805	15.1	41.7	51.8	18.8	36.2	3.22	112.4	36.9	7.2	28.4
50553	857	15.5	43.1	50.3	18.1	36.0	3.04	91.5	56.7	11.6	42.1
50554	767	14.1	39.7	51.8	18.4	35.5	2.51	113.5	49.1	15.9	30.9
50555	857	15.8	43.1	50.3	18.4	36.7	2.73	93.4	60.6	8.0	48.8
n	5	5	5	5	5	5	5	5	5	5	5
Mean	817.8	15.00	41.50	50.78	18.36	36.14	2.708	100.98	46.90	10.06	34.46
S.D.	38.8	0.70	1.66	0.96	0.29	0.44	0.463	10.98	12.60	3.71	10.80

Animal No.	Monocyte $10^2/\mu L$	Eosinophil $10^2/\mu L$	Basophil $10^2/\mu L$	PT sec	APTT sec
50551	1.1	0.4	0.0	15.7	14.4
50552	0.8	0.5	0.0	17.4	13.9
50553	2.0	1.0	0.0	18.0	11.2
50554	1.8	0.4	0.1	16.5	14.1
50555	2.8	1.0	0.0	16.1	11.6
n	5	5	5	5	5
Mean	1.70	0.66	0.02	16.74	13.04
S.D.	0.79	0.31	0.04	0.94	1.51

Hematological findings
Sex : Female (satellite)

Stage : Day 29
Dose : DPDME 1000 mg/kg

Species : Rat

Animal No.	RBC $10^4/\mu L$	HGB g/dL	HCT %	MCV fL	MCH pg	MCHC g/dL	Reticulocyte %	Platelet $10^4/\mu L$	WBC $10^2/\mu L$	Neutrophil $10^2/\mu L$	Lymphocyte $10^2/\mu L$
50651	821	15.3	42.9	52.3	18.6	35.7	2.46	87.9	40.2	5.0	32.7
50652	771	14.4	40.4	52.4	18.7	35.6	3.91	103.1	60.9	9.3	49.5
50653	802	15.5	42.9	53.5	19.3	36.1	3.05	84.2	47.1	8.0	36.8
50654	757	13.9	38.7	51.1	18.4	35.9	2.01	102.1	31.5	#	#
50655	808	14.7	41.4	51.2	18.2	35.5	2.59	88.5	36.1	5.4	29.2
n	5	5	5	5	5	5	5	5	5	4	4
Mean	791.8	14.76	41.26	52.10	18.64	35.76	2.804	93.16	43.16	6.93	37.05
S.D.	26.8	0.65	1.78	0.99	0.42	0.24	0.721	8.78	11.45	2.07	8.86

Animal No.	Monocyte $10^2/\mu L$	Eosinophil $10^2/\mu L$	Basophil $10^2/\mu L$	PT sec	APTT sec
50651	2.0	0.5	0.0	16.1	14.5
50652	1.5	0.6	0.0	15.9	15.8
50653	1.6	0.7	0.0	16.0	15.3
50654	#	#	#	15.9	17.0
50655	0.9	0.6	0.0	15.5	13.5
n	4	4	4	5	5
Mean	1.50	0.60	0.00	15.88	15.22
S.D.	0.45	0.08	0.00	0.23	1.32

: White blood cell smears were prepared and examined because differential counts of WBC were not obtained, The values (%) of neutrophil, lymphocyte, monocyte, eosinophil, and basophil were 11.2, 85.2, 2.0, 1.6, and 0.0, respectively.

Hematological findings
Sex : Male

Stage : Recovery day 15
Dose : DPDME 0 mg/kg

Species : Rat

Animal No.	RBC $10^4/\mu L$	HGB g/dL	HCT %	MCV fL	MCH pg	MCHC g/dL	Reticulocyte %	Platelet $10^4/\mu L$	WBC $10^2/\mu L$	Neutrophil $10^2/\mu L$	Lymphocyte $10^2/\mu L$
10102	888	16.3	43.9	49.4	18.4	37.1	3.27	114.0	136.6	18.2	110.0
10103	841	14.9	41.3	49.1	17.7	36.1	3.70	87.5	116.5	13.6	95.8
10107	955	16.2	43.6	45.7	17.0	37.2	3.57	125.9	120.2	16.4	97.0
10111	872	15.1	42.6	48.9	17.3	35.4	2.75	98.8	86.4	18.6	61.5
10112	946	15.7	43.3	45.8	16.6	36.3	3.12	104.8	88.8	12.7	71.2
n	5	5	5	5	5	5	5	5	5	5	5
Mean	900.4	15.64	42.94	47.78	17.40	36.42	3.282	106.20	109.70	15.90	87.10
S.D.	48.9	0.63	1.04	1.86	0.69	0.75	0.377	14.62	21.56	2.66	20.04

Animal No.	Monocyte $10^2/\mu L$	Eosinophil $10^2/\mu L$	Basophil $10^2/\mu L$	PT sec	APTT sec
10102	7.1	1.2	0.1	19.8	19.9
10103	6.1	0.9	0.1	21.1	19.8
10107	4.5	2.2	0.1	18.9	18.8
10111	5.4	0.9	0.0	18.5	19.6
10112	3.7	1.2	0.0	16.1	14.9
n	5	5	5	5	5
Mean	5.36	1.28	0.06	18.88	18.60
S.D.	1.33	0.54	0.05	1.85	2.11

Hematological findings
Sex : Male

Stage : Recovery day 15
Dose : DPDME 1000 mg/kg

Species : Rat

Animal No.	RBC $10^4/\mu L$	HGB g/dL	HCT %	MCV fL	MCH pg	MCHC g/dL	Reticulocyte %	Platelet $10^4/\mu L$	WBC $10^2/\mu L$	Neutrophil $10^2/\mu L$	Lymphocyte $10^2/\mu L$
10402	805	13.6	37.4	46.5	16.9	36.4	3.66	119.1	63.5	7.5	52.0
10403	891	15.4	42.3	47.5	17.3	36.4	3.74	118.2	105.9	17.4	81.9
10404	922	16.2	45.4	49.2	17.6	35.7	3.97	109.7	96.6	16.7	74.4
10405	820	14.3	39.5	48.2	17.4	36.2	2.32	105.0	102.4	17.3	79.1
10406	952	16.0	44.5	46.7	16.8	36.0	2.85	129.8	114.1	21.8	84.6
n	5	5	5	5	5	5	5	5	5	5	5
Mean	878.0	15.10	41.82	47.62	17.20	36.14	3.308	116.36	96.50	16.14	74.40
S.D.	63.8	1.12	3.36	1.11	0.34	0.30	0.695	9.55	19.51	5.24	13.08

Animal No.	Monocyte $10^2/\mu L$	Eosinophil $10^2/\mu L$	Basophil $10^2/\mu L$	PT sec	APTT sec
10402	3.0	1.0	0.0	21.4	20.6
10403	4.5	2.0	0.1	16.9	17.7
10404	3.8	1.7	0.0	20.1	23.4
10405	4.7	1.2	0.1	19.3	18.9
10406	5.0	2.6	0.1	16.6	18.6
n	5	5	5	5	5
Mean	4.20	1.70	0.06	18.86	19.84
S.D.	0.80	0.64	0.05	2.07	2.25

Hematological findings
Sex : Female

Stage : Recovery day 15
Dose : DPDME 0 mg/kg

Species : Rat

Animal No.	RBC $10^4/\mu L$	HGB g/dL	HCT %	MCV fL	MCH pg	MCHC g/dL	Reticulocyte %	Platelet $10^4/\mu L$	WBC $10^2/\mu L$	Neutrophil $10^2/\mu L$	Lymphocyte $10^2/\mu L$
50556	744	14.1	39.5	53.1	19.0	35.7	2.63	85.8	52.6	7.8	40.8
50557	858	15.9	42.6	49.7	18.5	37.3	2.80	111.4	61.8	15.1	42.2
50558	834	15.5	42.0	50.4	18.6	36.9	2.65	110.6	73.0	13.8	52.3
50559	902	16.0	44.0	48.8	17.7	36.4	2.21	105.7	62.0	13.5	43.2
50560	806	14.6	40.2	49.9	18.1	36.3	3.81	89.2	48.1	11.1	35.0
n	5	5	5	5	5	5	5	5	5	5	5
Mean	828.8	15.22	41.66	50.38	18.38	36.52	2.820	100.54	59.50	12.26	42.70
S.D.	59.1	0.83	1.82	1.63	0.50	0.61	0.595	12.16	9.64	2.88	6.24

Animal No.	Monocyte $10^2/\mu L$	Eosinophil $10^2/\mu L$	Basophil $10^2/\mu L$	PT sec	APTT sec
50556	3.3	0.6	0.1	15.0	15.3
50557	3.0	1.4	0.1	18.1	12.5
50558	5.4	1.5	0.0	16.4	14.5
50559	3.8	1.5	0.0	16.3	14.1
50560	1.5	0.5	0.0	16.7	12.1
n	5	5	5	5	5
Mean	3.40	1.10	0.04	16.50	13.70
S.D.	1.41	0.50	0.05	1.11	1.36

Hematological findings
Sex : Female

Stage : Recovery day 15
Dose : DPDME 1000 mg/kg

Species : Rat

Animal No.	RBC $10^4/\mu L$	HGB g/dL	HCT %	MCV fL	MCH pg	MCHC g/dL	Reticulocyte %	Platelet $10^4/\mu L$	WBC $10^2/\mu L$	Neutrophil $10^2/\mu L$	Lymphocyte $10^2/\mu L$
50656	905	16.2	46.0	50.8	17.9	35.2	2.31	95.4	43.7	7.5	32.9
50657	812	14.1	39.7	48.9	17.4	35.5	3.16	113.5	50.6	10.8	36.4
50658	859	15.2	42.5	49.5	17.7	35.8	3.61	92.6	62.9	15.2	43.2
50659	827	14.1	38.7	46.8	17.0	36.4	2.53	128.1	36.4	11.8	22.1
50660	901	15.6	42.6	47.3	17.3	36.6	1.29	100.5	56.8	10.0	43.5
n	5	5	5	5	5	5	5	5	5	5	5
Mean	860.8	15.04	41.90	48.66	17.46	35.90	2.580	106.02	50.08	11.06	35.62
S.D.	42.1	0.93	2.86	1.63	0.35	0.59	0.886	14.72	10.46	2.81	8.81

Animal No.	Monocyte $10^2/\mu L$	Eosinophil $10^2/\mu L$	Basophil $10^2/\mu L$	PT sec	APTT sec
50656	2.3	1.0	0.0	17.4	14.8
50657	2.5	0.9	0.0	15.9	13.3
50658	3.6	0.9	0.0	17.4	12.4
50659	1.2	1.3	0.0	15.8	14.8
50660	2.5	0.8	0.0	17.5	13.4
n	5	5	5	5	5
Mean	2.42	0.98	0.00	16.80	13.74
S.D.	0.85	0.19	0.00	0.87	1.04

Biochemical findings Stage : Day 29
Sex : Male Dose : DPDME 0 mg/kg Species : Rat

Animal No.	AST IU/L	ALT IU/L	ALP IU/L	γ-GTP IU/L	T-Bil mg/dL	TBA μmol/L	Glucose mg/dL	T-Cho mg/dL	TG mg/dL	TP g/dL	UN mg/dL
10101	74	30	431	0.2	0.07	4.6	179	67	32	5.2	11.3
10104	65	31	410	0.8	0.06	8.2	157	54	41	5.5	15.8
10105	66	31	398	0.6	0.05	6.6	173	63	50	5.4	15.8
10106	70	31	359	0.3	0.06	4.6	145	43	18	5.5	14.2
10108	67	30	394	0.5	0.08	30.1	141	62	31	5.5	14.5
n	5	5	5	5	5	5	5	5	5	5	5
Mean	68.4	30.6	398.4	0.48	0.064	10.82	159.0	57.8	34.4	5.42	14.32
S.D.	3.6	0.5	26.3	0.24	0.011	10.88	16.7	9.5	12.0	0.13	1.84

Animal No.	Crea mg/dL	Na mEq/L	K mEq/L	Cl mEq/L	Ca mg/dL	IP mg/dL	A/G	Albumin g/dL	Albumin %	α1-G %	α2-G %
10101	0.33	144	4.46	106	8.8	5.3	0.85	2.39	45.9	21.3	9.7
10104	0.37	144	4.41	104	9.3	6.6	0.91	2.62	47.7	21.8	7.8
10105	0.30	144	4.39	107	8.8	5.9	0.92	2.59	48.0	18.3	9.7
10106	0.32	145	4.09	106	9.2	6.8	0.81	2.46	44.7	26.6	8.9
10108	0.27	145	4.65	105	9.5	7.4	0.82	2.48	45.1	22.7	11.0
n	5	5	5	5	5	5	5	5	5	5	5
Mean	0.318	144.4	4.400	105.6	9.12	6.40	0.862	2.508	46.28	22.14	9.42
S.D.	0.037	0.5	0.201	1.1	0.31	0.82	0.051	0.095	1.50	2.99	1.18

Animal No.	β-G %	γ-G %
10101	17.3	5.8
10104	17.8	4.9
10105	18.6	5.4
10106	15.5	4.3
10108	16.8	4.4
n	5	5
Mean	17.20	4.96
S.D.	1.16	0.64

Biochemical findings Stage : Day 29
Sex : Male Dose : DPDME 40 mg/kg Species : Rat

Animal No.	AST IU/L	ALT IU/L	ALP IU/L	γ-GTP IU/L	T-Bil mg/dL	TBA μmol/L	Glucose mg/dL	T-Cho mg/dL	TG mg/dL	TP g/dL	UN mg/dL
10201	78	43	375	0.3	0.06	12.3	184	34	25	5.0	13.9
10203	60	31	479	0.7	0.06	10.8	154	45	25	5.3	16.3
10204	61	28	496	0.5	0.09	8.0	157	57	33	5.6	15.5
10205	61	27	347	0.4	0.06	4.4	175	39	13	5.4	13.8
10207	65	25	329	0.4	0.06	8.1	167	34	39	5.5	14.0
n	5	5	5	5	5	5	5	5	5	5	5
Mean	65.0	30.8	405.2	0.46	0.066	8.72	167.4	41.8	27.0	5.36	14.70
S.D.	7.5	7.2	77.1	0.15	0.013	3.03	12.5	9.6	9.8	0.23	1.13

Animal No.	Crea mg/dL	Na mEq/L	K mEq/L	Cl mEq/L	Ca mg/dL	IP mg/dL	A/G	Albumin g/dL	Albumin %	α1-G %	α2-G %
10201	0.26	144	4.35	105	8.9	6.2	0.96	2.46	49.1	20.9	8.2
10203	0.28	143	4.59	105	9.0	5.9	0.93	2.55	48.2	25.7	8.1
10204	0.28	143	4.88	104	9.4	6.4	0.85	2.58	46.0	24.2	10.2
10205	0.32	145	4.42	107	9.6	6.5	0.98	2.67	49.4	21.0	9.5
10207	0.27	143	5.08	103	9.7	7.2	0.88	2.57	46.8	22.5	9.4
n	5	5	5	5	5	5	5	5	5	5	5
Mean	0.282	143.6	4.664	104.8	9.32	6.44	0.920	2.566	47.90	22.86	9.08
S.D.	0.023	0.9	0.310	1.5	0.36	0.48	0.054	0.075	1.47	2.08	0.90

Animal No.	β-G %	γ-G %
10201	17.6	4.2
10203	15.0	3.0
10204	16.3	3.3
10205	15.4	4.7
10207	17.0	4.3
n	5	5
Mean	16.26	3.90
S.D.	1.08	0.72

Biochemical findings Stage : Day 29
Sex : Male Dose : DPDME 200 mg/kg Species : Rat

Animal No.	AST IU/L	ALT IU/L	ALP IU/L	γ-GTP IU/L	T-Bil mg/dL	TBA μmol/L	Glucose mg/dL	T-Cho mg/dL	TG mg/dL	TP g/dL	UN mg/dL
10301	65	30	364	0.2	0.06	5.6	180	50	22	5.4	17.1
10304	70	29	325	0.6	0.07	9.4	182	68	46	5.4	14.8
10305	77	33	366	0.5	0.05	8.6	145	74	39	5.3	16.9
10307	63	26	329	0.5	0.06	3.0	145	46	16	5.4	14.9
10309	92	36	416	0.6	0.04	10.5	154	48	16	5.6	16.2
n	5	5	5	5	5	5	5	5	5	5	5
Mean	73.4	30.8	360.0	0.48	0.056	7.42	161.2	57.2	27.8	5.42	15.98
S.D.	11.7	3.8	36.7	0.16	0.011	3.07	18.5	12.9	13.9	0.11	1.08

Animal No.	Crea mg/dL	Na mEq/L	K mEq/L	Cl mEq/L	Ca mg/dL	IP mg/dL	A/G	Albumin g/dL	Albumin %	α1-G %	α2-G %
10301	0.36	142	4.36	103	9.0	6.2	0.96	2.64	48.9	22.9	8.5
10304	0.30	144	4.53	104	9.3	5.7	0.80	2.39	44.3	24.8	8.6
10305	0.35	145	4.30	106	9.4	6.5	0.84	2.42	45.7	21.8	9.8
10307	0.29	145	4.41	105	9.3	6.3	0.96	2.65	49.0	22.3	10.1
10309	0.28	144	4.76	105	9.5	6.5	0.85	2.57	45.9	21.1	10.3
n	5	5	5	5	5	5	5	5	5	5	5
Mean	0.316	144.0	4.472	104.6	9.30	6.24	0.882	2.534	46.76	22.58	9.46
S.D.	0.036	1.2	0.182	1.1	0.19	0.33	0.074	0.122	2.09	1.41	0.85

Animal No.	β-G %	γ-G %
10301	15.3	4.4
10304	18.5	3.8
10305	16.7	6.0
10307	15.2	3.4
10309	18.2	4.5
n	5	5
Mean	16.78	4.42
S.D.	1.55	0.99

Biochemical findings Stage : Day 29
Sex : Male Dose : DPDME 1000 mg/kg Species : Rat

Animal No.	AST IU/L	ALT IU/L	ALP IU/L	γ-GTP IU/L	T-Bil mg/dL	TBA μmol/L	Glucose mg/dL	T-Cho mg/dL	TG mg/dL	TP g/dL	UN mg/dL
10401	76	32	391	0.4	0.04	5.9	140	46	11	5.4	12.7
10407	64	39	269	0.9	0.04	5.5	184	41	37	5.5	16.1
10408	68	27	369	0.4	0.03	4.2	143	54	22	5.6	14.5
10409	67	33	330	0.8	0.06	7.9	126	54	26	5.2	14.1
10410	65	46	232	0.8	0.06	5.3	161	67	14	5.8	18.1
n	5	5	5	5	5	5	5	5	5	5	5
Mean	68.0	35.4	318.2	0.66	0.046	5.76	150.8	52.4	22.0	5.50	15.10
S.D.	4.7	7.3	66.8	0.24	0.013	1.35	22.4	9.9	10.3	0.22	2.07

Animal No.	Crea mg/dL	Na mEq/L	K mEq/L	Cl mEq/L	Ca mg/dL	IP mg/dL	A/G	Albumin g/dL	Albumin %	α1-G %	α2-G %
10401	0.35	144	4.54	103	9.0	5.8	0.96	2.65	49.0	22.2	8.2
10407	0.34	143	4.54	102	9.5	6.5	0.81	2.46	44.7	28.0	9.6
10408	0.36	145	4.19	104	9.7	6.1	0.80	2.48	44.3	24.1	9.4
10409	0.25	145	4.12	103	9.3	6.4	0.96	2.55	49.1	20.7	10.6
10410	0.33	143	4.50	104	9.6	6.5	0.81	2.60	44.9	25.8	9.9
n	5	5	5	5	5	5	5	5	5	5	5
Mean	0.326	144.0	4.378	103.2	9.42	6.26	0.868	2.548	46.40	24.16	9.54
S.D.	0.044	1.0	0.206	0.8	0.28	0.30	0.084	0.080	2.43	2.88	0.88

Animal No.	β-G %	γ-G %
10401	15.4	5.2
10407	15.2	2.5
10408	17.4	4.8
10409	16.7	2.9
10410	16.2	3.2
n	5	5
Mean	16.18	3.72
S.D.	0.91	1.20

Biochemical findings
Sex : Female

Stage : Day 14 after parturition
Dose : DPDME 0 mg/kg

Species : Rat

Animal No.	AST IU/L	ALT IU/L	ALP IU/L	γ-GTP IU/L	T-Bil mg/dL	TBA μmol/L	Glucose mg/dL	T-Cho mg/dL	TG mg/dL	TP g/dL	UN mg/dL
50152	108	56	271	0.7	0.06	9.9	144	77	46	5.4	21.2
50154	108	69	418	0.8	0.08	42.6	125	88	34	5.8	20.4
50155	144	90	470	1.2	0.05	82.5	124	76	57	5.2	40.2
50159	154	65	450	1.6	0.04	15.8	171	83	51	5.8	23.7
50161	121	74	375	0.9	0.05	22.8	140	115	70	5.8	21.7
n	5	5	5	5	5	5	5	5	5	5	5
Mean	127.0	70.8	396.8	1.04	0.056	34.72	140.8	87.8	51.6	5.60	25.44
S.D.	21.1	12.6	79.0	0.36	0.015	29.42	19.1	16.0	13.3	0.28	8.34

Animal No.	Crea mg/dL	Na mEq/L	K mEq/L	Cl mEq/L	Ca mg/dL	IP mg/dL	A/G	Albumin g/dL	Albumin %	α1-G %	α2-G %
50152	0.39	139	4.53	100	9.3	6.6	0.98	2.67	49.5	20.9	10.3
50154	0.35	139	4.38	100	9.3	8.0	1.00	2.89	49.9	19.8	9.5
50155	0.49	137	5.43	97	9.4	11.3	0.76	2.24	43.1	22.7	11.0
50159	0.42	140	4.43	100	9.2	8.1	0.77	2.52	43.4	21.4	11.8
50161	0.41	139	4.28	99	9.2	7.0	0.85	2.66	45.9	20.5	11.3
n	5	5	5	5	5	5	5	5	5	5	5
Mean	0.412	138.8	4.610	99.2	9.28	8.20	0.872	2.596	46.36	21.06	10.78
S.D.	0.051	1.1	0.467	1.3	0.08	1.85	0.113	0.239	3.24	1.09	0.90

Animal No.	β-G %	γ-G %
50152	15.2	4.1
50154	14.6	6.2
50155	17.3	5.9
50159	17.5	5.9
50161	17.3	5.0
n	5	5
Mean	16.38	5.42
S.D.	1.37	0.86

Biochemical findings
Sex : Female

Stage : Day 14 after parturition
Dose : DPDME 40 mg/kg

Species : Rat

Animal No.	AST IU/L	ALT IU/L	ALP IU/L	γ-GTP IU/L	T-Bil mg/dL	TBA μmol/L	Glucose mg/dL	T-Cho mg/dL	TG mg/dL	TP g/dL	UN mg/dL
50253	114	59	290	0.7	0.04	21.4	146	89	29	6.2	16.8
50256	135	60	225	0.5	0.06	10.6	121	84	47	6.0	28.5
50257	98	57	243	0.6	0.04	34.2	128	106	46	5.9	18.6
50259	103	51	316	1.1	0.04	9.8	143	111	84	5.9	19.1
50261	95	62	344	1.2	0.03	13.8	124	73	57	5.3	21.9
n	5	5	5	5	5	5	5	5	5	5	5
Mean	109.0	57.8	283.6	0.82	0.042	17.96	132.4	92.6	52.6	5.86	20.98
S.D.	16.2	4.2	49.6	0.31	0.011	10.17	11.4	15.7	20.2	0.34	4.58

Animal No.	Crea mg/dL	Na mEq/L	K mEq/L	Cl mEq/L	Ca mg/dL	IP mg/dL	A/G	Albumin g/dL	Albumin %	α1-G %	α2-G %
50253	0.35	139	4.16	99	10.1	7.7	0.90	2.95	47.5	21.8	9.4
50256	0.37	139	4.41	99	9.6	6.9	0.81	2.68	44.7	22.8	11.3
50257	0.36	140	4.03	101	9.3	6.0	0.91	2.81	47.6	20.3	10.3
50259	0.36	142	4.17	103	9.5	6.2	0.94	2.86	48.5	17.3	10.6
50261	0.40	140	4.51	103	8.9	7.4	0.90	2.52	47.5	17.9	12.7
n	5	5	5	5	5	5	5	5	5	5	5
Mean	0.368	140.0	4.256	101.0	9.48	6.84	0.892	2.764	47.16	20.02	10.86
S.D.	0.019	1.2	0.197	2.0	0.44	0.74	0.049	0.168	1.44	2.39	1.23

Animal No.	β-G %	γ-G %
50253	17.3	4.0
50256	16.2	5.0
50257	16.5	5.3
50259	18.0	5.6
50261	16.7	5.2
n	5	5
Mean	16.94	5.02
S.D.	0.72	0.61

Biochemical findings
Sex : Female

Stage : Day 14 after parturition
Dose : DPDME 200 mg/kg

Species : Rat

Animal No.	AST IU/L	ALT IU/L	ALP IU/L	γ-GTP IU/L	T-Bil mg/dL	TBA μmol/L	Glucose mg/dL	T-Cho mg/dL	TG mg/dL	TP g/dL	UN mg/dL
50353	95	57	323	1.0	0.06	13.6	121	94	65	6.2	20.3
50354	128	54	264	0.6	0.04	24.8	131	102	188	5.7	25.3
50356	115	50	222	0.9	0.05	16.7	148	83	53	6.2	19.8
50359	173	80	670	1.3	0.06	38.0	123	109	50	6.0	25.5
50361	169	101	500	1.0	0.04	62.7	116	134	141	6.5	33.7
n	5	5	5	5	5	5	5	5	5	5	5
Mean	136.0	68.4	395.8	0.96	0.050	31.16	127.8	104.4	99.4	6.12	24.92
S.D.	34.1	21.6	186.4	0.25	0.010	20.00	12.5	19.2	62.0	0.29	5.59

Animal No.	Crea mg/dL	Na mEq/L	K mEq/L	Cl mEq/L	Ca mg/dL	IP mg/dL	A/G	Albumin g/dL	Albumin %	α1-G %	α2-G %
50353	0.35	139	4.77	101	9.7	6.5	0.85	2.85	46.0	21.4	10.2
50354	0.33	139	3.68	98	9.5	7.2	0.94	2.76	48.5	21.5	9.8
50356	0.35	140	4.52	101	10.0	7.0	0.76	2.68	43.2	21.3	10.9
50359	0.39	138	4.24	99	10.1	9.0	0.99	2.99	49.8	18.3	11.1
50361	0.44	138	4.80	98	10.3	9.4	1.01	3.26	50.2	20.0	9.5
n	5	5	5	5	5	5	5	5	5	5	5
Mean	0.372	138.8	4.402	99.4	9.92	7.82	0.910	2.908	47.54	20.50	10.30
S.D.	0.044	0.8	0.462	1.5	0.32	1.29	0.104	0.228	2.93	1.37	0.69

Animal No.	β-G %	γ-G %
50353	17.0	5.4
50354	16.6	3.6
50356	18.2	6.4
50359	16.5	4.3
50361	16.8	3.5
n	5	5
Mean	17.02	4.64
S.D.	0.69	1.24

Biochemical findings
Sex : Female

Stage : Day 14 after parturition
Dose : DPDME 1000 mg/kg

Species : Rat

Animal No.	AST IU/L	ALT IU/L	ALP IU/L	γ-GTP IU/L	T-Bil mg/dL	TBA μmol/L	Glucose mg/dL	T-Cho mg/dL	TG mg/dL	TP g/dL	UN mg/dL
50451	192	114	352	0.9	0.04	43.5	114	86	35	6.2	27.9
50452	112	73	348	1.2	0.05	39.4	126	82	86	5.4	22.8
50455	173	80	260	0.9	0.04	10.5	120	93	54	6.1	24.4
50456	133	71	283	1.8	0.05	18.9	133	112	69	6.4	22.3
50458	156	87	330	1.0	0.03	29.9	123	117	85	6.6	34.0
n	5	5	5	5	5	5	5	5	5	5	5
Mean	153.2	85.0	314.6	1.16	0.042	28.44	123.2	98.0	65.8	6.14	26.28
S.D.	31.7	17.4	41.0	0.38	0.008	13.80	7.0	15.7	21.6	0.46	4.84

Animal No.	Crea mg/dL	Na mEq/L	K mEq/L	Cl mEq/L	Ca mg/dL	IP mg/dL	A/G	Albumin g/dL	Albumin %	α1-G %	α2-G %
50451	0.36	135	4.56	96	10.5	10.1	0.81	2.78	44.9	22.0	11.2
50452	0.34	140	4.10	98	9.8	8.6	0.83	2.45	45.3	19.4	10.1
50455	0.35	141	4.03	100	10.2	7.6	0.89	2.87	47.1	20.5	9.0
50456	0.37	140	4.05	99	10.5	8.3	0.86	2.95	46.1	20.1	11.5
50458	0.51	134	5.13	92	10.8	11.0	0.80	2.93	44.4	22.5	10.3
n	5	5	5	5	5	5	5	5	5	5	5
Mean	0.386	138.0	4.374	97.0	10.36	9.12	0.838	2.796	45.56	20.90	10.42
S.D.	0.070	3.2	0.476	3.2	0.38	1.39	0.037	0.204	1.06	1.31	0.99

Animal No.	β-G %	γ-G %
50451	16.4	5.5
50452	19.1	6.1
50455	17.1	6.3
50456	17.7	4.6
50458	17.0	5.8
n	5	5
Mean	17.46	5.66
S.D.	1.03	0.67

Biochemical findings
Sex : Female (satellite)

Stage : Day 29
Dose : DPDME 0 mg/kg

Species : Rat

Animal No.	AST IU/L	ALT IU/L	ALP IU/L	γ-GTP IU/L	T-Bil mg/dL	TBA μmol/L	Glucose mg/dL	T-Cho mg/dL	TG mg/dL	TP g/dL	UN mg/dL
50551	77	44	131	0.8	0.08	21.0	170	99	19	6.4	14.0
50552	82	41	229	0.8	0.07	15.8	152	59	10	6.2	15.9
50553	61	24	161	0.9	0.08	8.4	147	61	11	6.1	15.9
50554	55	30	130	0.6	0.11	11.0	165	75	20	7.0	11.9
50555	62	25	183	0.7	0.10	8.3	125	63	8	5.8	16.9
n	5	5	5	5	5	5	5	5	5	5	5
Mean	67.4	32.8	166.8	0.76	0.088	12.90	151.8	71.4	13.6	6.30	14.92
S.D.	11.5	9.2	41.2	0.11	0.016	5.46	17.7	16.6	5.5	0.45	1.99

Animal No.	Crea mg/dL	Na mEq/L	K mEq/L	Cl mEq/L	Ca mg/dL	IP mg/dL	A/G	Albumin g/dL	Albumin %	α1-G %	α2-G %
50551	0.28	141	4.40	105	9.9	5.7	1.19	3.48	54.4	17.4	7.9
50552	0.37	143	3.86	106	9.7	5.6	1.09	3.23	52.1	18.6	7.4
50553	0.40	143	3.99	107	9.6	6.0	0.99	3.03	49.7	17.7	8.3
50554	0.32	141	4.40	104	9.9	4.9	1.15	3.74	53.4	20.1	7.6
50555	0.40	141	4.32	104	9.4	6.8	1.00	2.91	50.1	18.9	9.5
n	5	5	5	5	5	5	5	5	5	5	5
Mean	0.354	141.8	4.194	105.2	9.70	5.80	1.084	3.278	51.94	18.54	8.14
S.D.	0.053	1.1	0.252	1.3	0.21	0.69	0.089	0.337	2.04	1.07	0.83

Animal No.	β-G %	γ-G %
50551	14.2	6.1
50552	15.7	6.2
50553	16.4	7.9
50554	14.3	4.6
50555	16.2	5.3
n	5	5
Mean	15.36	6.02
S.D.	1.05	1.24

Biochemical findings
Sex : Female (satellite)

Stage : Day 29
Dose : DPDME 1000 mg/kg

Species : Rat

Animal No.	AST IU/L	ALT IU/L	ALP IU/L	γ-GTP IU/L	T-Bil mg/dL	TBA μmol/L	Glucose mg/dL	T-Cho mg/dL	TG mg/dL	TP g/dL	UN mg/dL
50651	61	26	141	0.4	0.04	11.7	134	85	17	7.2	17.9
50652	52	23	230	1.0	0.05	8.3	152	77	10	6.4	16.8
50653	68	39	163	0.5	0.04	7.4	124	73	12	6.5	17.8
50654	54	22	241	0.6	0.04	7.7	156	93	12	6.4	16.6
50655	50	28	152	0.4	0.04	3.8	151	74	13	6.5	17.2
n	5	5	5	5	5	5	5	5	5	5	5
Mean	57.0	27.6	185.4	0.58	0.042	7.78	143.4	80.4	12.8	6.60	17.26
S.D.	7.4	6.8	46.6	0.25	0.004	2.81	13.7	8.5	2.6	0.34	0.58

Animal No.	Crea mg/dL	Na mEq/L	K mEq/L	Cl mEq/L	Ca mg/dL	IP mg/dL	A/G	Albumin g/dL	Albumin %	α1-G %	α2-G %
50651	0.33	142	4.11	102	10.6	6.1	1.19	3.91	54.3	21.0	7.2
50652	0.34	142	4.09	102	10.0	7.3	0.97	3.15	49.2	21.0	8.6
50653	0.31	143	3.91	105	9.8	6.1	1.05	3.33	51.3	19.9	8.6
50654	0.33	141	4.04	103	9.9	6.8	1.11	3.36	52.5	16.2	8.8
50655	0.35	142	3.83	103	10.1	6.3	1.19	3.53	54.3	18.4	8.9
n	5	5	5	5	5	5	5	5	5	5	5
Mean	0.332	142.0	3.996	103.0	10.08	6.52	1.102	3.456	52.32	19.30	8.42
S.D.	0.015	0.7	0.121	1.2	0.31	0.52	0.094	0.287	2.16	2.03	0.69

Animal No.	β-G %	γ-G %
50651	13.2	4.3
50652	15.1	6.1
50653	15.7	4.5
50654	16.5	6.0
50655	14.6	3.8
n	5	5
Mean	15.02	4.94
S.D.	1.24	1.05

Biochemical findings
Sex : Male

Stage : Recovery day 15
Dose : DPDME 0 mg/kg

Species : Rat

Animal No.	AST IU/L	ALT IU/L	ALP IU/L	γ-GTP IU/L	T-Bil mg/dL	TBA μmol/L	Glucose mg/dL	T-Cho mg/dL	TG mg/dL	TP g/dL	UN mg/dL
10102	68	31	390	0.7	0.08	18.5	161	45	26	5.7	13.4
10103	67	30	367	0.7	0.06	6.0	155	64	57	5.5	12.8
10107	86	41	356	0.6	0.07	11.9	145	73	31	5.9	15.0
10111	81	33	323	0.5	0.05	8.5	111	55	18	5.5	15.8
10112	82	40	638	0.6	0.07	15.6	145	79	21	5.2	14.0
n	5	5	5	5	5	5	5	5	5	5	5
Mean	76.8	35.0	414.8	0.62	0.066	12.10	143.4	63.2	30.6	5.56	14.20
S.D.	8.7	5.1	127.1	0.08	0.011	5.08	19.4	13.6	15.6	0.26	1.21

Animal No.	Crea mg/dL	Na mEq/L	K mEq/L	Cl mEq/L	Ca mg/dL	IP mg/dL	A/G	Albumin g/dL	Albumin %	α1-G %	α2-G %
10102	0.32	145	4.05	105	9.5	5.8	0.81	2.56	44.9	23.6	9.8
10103	0.32	143	4.42	104	9.0	6.1	0.87	2.56	46.6	23.5	9.5
10107	0.30	141	4.78	103	9.3	5.9	0.84	2.69	45.6	22.6	10.5
10111	0.41	144	4.59	106	8.7	5.5	0.84	2.51	45.6	22.1	10.5
10112	0.29	143	4.35	104	9.0	5.9	0.81	2.33	44.8	21.0	11.2
n	5	5	5	5	5	5	5	5	5	5	5
Mean	0.328	143.2	4.438	104.4	9.10	5.84	0.834	2.530	45.50	22.56	10.30
S.D.	0.048	1.5	0.273	1.1	0.31	0.22	0.025	0.130	0.72	1.07	0.67

Animal No.	β-G %	γ-G %
10102	14.9	6.8
10103	15.4	5.0
10107	16.4	4.9
10111	15.2	6.6
10112	18.3	4.7
n	5	5
Mean	16.04	5.60
S.D.	1.38	1.01

Biochemical findings
Sex : Male

Stage : Recovery day 15
Dose : DPDME 1000 mg/kg

Species : Rat

Animal No.	AST IU/L	ALT IU/L	ALP IU/L	γ-GTP IU/L	T-Bil mg/dL	TBA μmol/L	Glucose mg/dL	T-Cho mg/dL	TG mg/dL	TP g/dL	UN mg/dL
10402	59	27	252	0.6	0.07	5.6	159	74	25	5.6	13.7
10403	68	38	327	0.7	0.07	8.0	155	112	64	5.8	13.4
10404	63	29	318	0.6	0.05	4.9	153	60	43	5.9	15.0
10405	75	34	373	0.6	0.05	8.1	137	55	22	4.9	13.7
10406	63	27	338	0.6	0.05	9.2	141	90	27	5.9	13.7
n	5	5	5	5	5	5	5	5	5	5	5
Mean	65.6	31.0	321.6	0.62	0.058	7.16	149.0	78.2	36.2	5.62	13.90
S.D.	6.1	4.8	44.2	0.04	0.011	1.82	9.5	23.3	17.5	0.42	0.63

Animal No.	Crea mg/dL	Na mEq/L	K mEq/L	Cl mEq/L	Ca mg/dL	IP mg/dL	A/G	Albumin g/dL	Albumin %	α1-G %	α2-G %
10402	0.34	143	4.95	104	9.0	6.1	0.92	2.69	48.0	21.2	10.3
10403	0.30	143	4.68	103	9.4	6.0	0.90	2.76	47.5	22.8	9.8
10404	0.27	143	4.61	103	9.1	5.9	0.77	2.57	43.6	24.4	10.1
10405	0.28	142	4.67	103	8.9	6.4	0.83	2.23	45.5	24.0	10.7
10406	0.35	143	4.74	103	9.7	6.2	0.80	2.62	44.4	27.0	10.1
n	5	5	5	5	5	5	5	5	5	5	5
Mean	0.308	142.8	4.730	103.2	9.22	6.12	0.844	2.574	45.80	23.88	10.20
S.D.	0.036	0.4	0.131	0.4	0.33	0.19	0.064	0.205	1.91	2.14	0.33

Animal No.	β-G %	γ-G %
10402	15.5	5.0
10403	16.4	3.5
10404	15.8	6.1
10405	14.1	5.7
10406	15.7	2.8
n	5	5
Mean	15.50	4.62
S.D.	0.85	1.42

Biochemical findings
Sex : Female (satellite)

Stage : Recovery day 15
Dose : DPDME 0 mg/kg

Species : Rat

Animal No.	AST IU/L	ALT IU/L	ALP IU/L	γ-GTP IU/L	T-Bil mg/dL	TBA μmol/L	Glucose mg/dL	T-Cho mg/dL	TG mg/dL	TP g/dL	UN mg/dL
50556	56	34	197	0.6	0.08	18.1	162	79	17	6.8	14.4
50557	82	41	275	2.3	0.05	5.7	142	59	13	6.0	13.8
50558	309	209	164	1.5	0.11	46.2	141	68	18	6.5	17.6
50559	69	30	197	0.8	0.08	15.1	157	84	22	6.9	14.5
50560	98	40	232	1.2	0.06	15.1	151	52	8	6.0	16.2
n	5	5	5	5	5	5	5	5	5	5	5
Mean	122.8	70.8	213.0	1.28	0.076	20.04	150.6	68.4	15.6	6.44	15.30
S.D.	105.2	77.4	42.2	0.67	0.023	15.35	9.2	13.4	5.3	0.43	1.57

Animal No.	Crea mg/dL	Na mEq/L	K mEq/L	Cl mEq/L	Ca mg/dL	IP mg/dL	A/G	Albumin g/dL	Albumin %	α1-G %	α2-G %
50556	0.33	142	3.84	104	10.0	5.0	1.24	3.76	55.3	17.1	8.4
50557	0.35	142	4.59	105	9.2	4.5	0.97	2.95	49.2	14.2	10.4
50558	0.39	140	4.09	103	9.3	5.6	0.95	3.16	48.6	17.3	9.9
50559	0.36	142	4.37	104	9.9	5.6	1.10	3.62	52.4	15.6	9.2
50560	0.34	142	4.22	106	9.2	4.6	1.07	3.11	51.8	17.6	9.0
n	5	5	5	5	5	5	5	5	5	5	5
Mean	0.354	141.6	4.222	104.4	9.52	5.06	1.066	3.320	51.46	16.36	9.38
S.D.	0.023	0.9	0.283	1.1	0.40	0.53	0.116	0.350	2.69	1.43	0.78

Animal No.	β-G %	γ-G %
50556	13.5	5.7
50557	16.7	9.5
50558	15.8	8.4
50559	14.9	7.9
50560	14.9	6.7
n	5	5
Mean	15.16	7.64
S.D.	1.19	1.48

Biochemical findings
Sex : Female (satellite)

Stage : Recovery day 15
Dose : DPDME 1000 mg/kg

Species : Rat

Animal No.	AST IU/L	ALT IU/L	ALP IU/L	γ-GTP IU/L	T-Bil mg/dL	TBA μmol/L	Glucose mg/dL	T-Cho mg/dL	TG mg/dL	TP g/dL	UN mg/dL
50656	67	29	198	0.7	0.09	22.7	115	53	6	6.3	13.1
50657	88	41	125	0.8	0.08	19.6	157	102	17	6.8	14.9
50658	59	27	339	0.6	0.09	29.2	157	90	12	6.2	15.7
50659	163	75	174	0.9	0.07	16.9	162	91	41	7.2	13.5
50660	76	37	188	0.9	0.10	15.3	122	68	20	6.2	13.3
n	5	5	5	5	5	5	5	5	5	5	5
Mean	90.6	41.8	204.8	0.78	0.086	20.74	142.6	80.8	19.2	6.54	14.10
S.D.	41.9	19.4	80.1	0.13	0.011	5.50	22.2	19.8	13.3	0.44	1.14

Animal No.	Crea mg/dL	Na mEq/L	K mEq/L	Cl mEq/L	Ca mg/dL	IP mg/dL	A/G	Albumin g/dL	Albumin %	α1-G %	α2-G %
50656	0.34	143	4.36	106	9.4	5.3	0.88	2.94	46.7	19.8	9.1
50657	0.35	143	4.42	105	10.0	4.2	1.14	3.62	53.3	17.5	9.5
50658	0.30	142	4.53	106	9.6	5.3	1.09	3.24	52.2	14.7	9.7
50659	0.35	143	4.01	105	9.9	3.7	0.98	3.56	49.4	22.7	9.0
50660	0.33	141	4.32	105	9.5	5.0	1.05	3.17	51.2	17.9	9.0
n	5	5	5	5	5	5	5	5	5	5	5
Mean	0.334	142.4	4.328	105.4	9.68	4.70	1.028	3.306	50.56	18.52	9.26
S.D.	0.021	0.9	0.195	0.5	0.26	0.72	0.101	0.283	2.59	2.96	0.32

Animal No.	β-G %	γ-G %
50656	15.8	8.6
50657	14.0	5.7
50658	16.6	6.8
50659	14.1	4.8
50660	13.5	8.4
n	5	5
Mean	14.80	6.86
S.D.	1.33	1.66

Serum T4 concentration
Sex : Male
Stage : Day 29
Dose : DPDME 0 mg/kg
Species : Rat

Animal No.	T4 ng/mL
10101	59.4
10104	50.4
10105	47.1
10106	47.7
10108	47.3
10109	48.5
10110	68.6
n	7
Mean	52.71
S.D.	8.23

Serum T4 concentration
Sex : Male
Stage : Day 29
Dose : DPDME 40 mg/kg
Species : Rat

Animal No.	T4 ng/mL
10201	55.5
10202	38.9
10203	39.2
10204	59.4
10205	35.6
10206	42.6
10207	47.0
10208	60.0
10209	56.8
10210	56.9
10211	58.7
10212	62.5
n	12
Mean	51.09
S.D.	9.73

Serum T4 concentration
Sex : Male
Stage : Day 29
Dose : DPDME 200 mg/kg
Species : Rat

Animal No.	T4 ng/mL
10301	37.6
10302	46.8
10303	56.2
10304	49.6
10305	47.1
10306	49.6
10307	43.7
10308	61.1
10309	38.9
10310	54.2
10311	64.0
10312	54.9
n	12
Mean	50.31
S.D.	8.17

Serum T4 concentration
Sex : Male
Stage : Day 29
Dose : DPDME 1000 mg/kg
Species : Rat

Animal No.	T4 ng/mL
10401	33.6
10407	37.2
10408	35.7
10409	29.4
10410	45.0
10411	47.3
10412	32.3
n	7
Mean	37.21
S.D.	6.62

Serum T4 concentration
Sex : Female
Stage : Day 14 after parturition
Dose : DPDME 0 mg/kg
Species : Rat

Animal No.	T4 ng/mL
50151	27.6 $
50152	47.9
50153	41.7
50154	39.4
50155	23.5
50156	41.7
50157	37.7
50158	44.4
50159	46.6
50160	57.9
50161	49.1
50162	55.6
n	11
Mean	44.14
S.D.	9.31

$: Excepted data from calculationn (non-pregnancy)

Serum T4 concentration
Sex : Female
Stage : Day 14 after parturition
Dose : DPDME 40 mg/kg
Species : Rat

Animal No.	T4 ng/mL
50251	44.4
50252	45.7
50253	47.2
50254	32.1
50255	50.2
50256	37.6
50257	42.5
50258	39.3
50259	47.8
50260	38.5
50261	45.3
50262	45.7
n	12
Mean	43.03
S.D.	5.19

Serum T4 concentration
Sex : Female
Stage : Day 14 after parturition
Dose : DPDME 200 mg/kg
Species : Rat

Animal No.	T4 ng/mL
50351	39.9
50352	35.7
50353	51.3
50354	40.9
50355	38.8
50356	40.8
50357	34.1
50358	42.6
50359	45.4
50360	44.8
50361	44.6
50362	36.1
n	12
Mean	41.25
S.D.	4.87

Serum T4 concentration
Sex : Female
Stage : Day 14 after parturition
Dose : DPDME 1000 mg/kg
Species : Rat

Animal No.	T4 ng/mL
50451	48.3
50452	43.1
50453	45.1
50454	33.9
50455	34.5
50456	40.0
50457	44.4
50458	26.6
50459	35.2
50460	32.0
50461	36.9
50462	32.5
n	12
Mean	37.71
S.D.	6.47

Serum T4 concentration
Sex : Female (satellite)
Stage : Day 29
Dose : DPDME 0 mg/kg
Species : Rat

Animal No.	T4 ng/mL
50551	27.0
50552	19.5
50553	20.7
50554	35.3
50555	22.9
n	5
Mean	25.08
S.D.	6.39

Serum T4 concentration
Sex : Female (satellite)
Stage : Day 29
Dose : DPDME 1000 mg/kg
Species : Rat

Animal No.	T4 ng/mL
50651	18.4
50652	29.2
50653	21.4
50654	22.3
50655	21.6
n	5
Mean	22.58
S.D.	3.99

Serum T4 concentration
Sex : Male
Stage : Recovery day 15
Dose : DPDME 0 mg/kg
Species : Rat

Animal No.	T4 ng/mL
10102	63.0
10103	48.2
10107	52.5
10111	38.7
10112	35.3
n	5
Mean	47.54
S.D.	11.09

Serum T4 concentration
Sex : Male
Stage : Recovery day 15
Dose : DPDME 1000 mg/kg
Species : Rat

Animal No.	T4 ng/mL
10402	56.1
10403	58.8
10404	46.7
10405	41.9
10406	60.8
n	5
Mean	52.86
S.D.	8.17

Serum T4 concentration
Sex : Female (satellite)
Stage : Recovery day 15
Dose : DPDME 0 mg/kg
Species : Rat

Animal No.	T4 ng/mL
50556	29.8
50557	25.5
50558	32.7
50559	30.7
50560	31.9
n	5
Mean	30.12
S.D.	2.81

Serum T4 concentration
Sex : Female (satellite)
Stage : Recovery day 15
Dose : DPDME 1000 mg/kg
Species : Rat

Animal No.	T4 ng/mL
50656	29.2
50657	30.4
50658	30.3
50659	46.1
50660	29.2
n	5
Mean	33.04
S.D.	7.32

Necropsy findings
Sex : Male Stage : Day 29 Species : Rat

Test article : DPDME	Dose : 0 mg/kg	Animal No. : 10101	Infertility
Finding absent :	All organs & tissues		
Test article : DPDME	Dose : 0 mg/kg	Animal No. : 10104	
Finding absent :	All organs & tissues		
Test article : DPDME	Dose : 0 mg/kg	Animal No. : 10105	
Finding absent :	All organs & tissues		
Test article : DPDME	Dose : 0 mg/kg	Animal No. : 10106	
Finding absent :	All organs & tissues		
Test article : DPDME	Dose : 0 mg/kg	Animal No. : 10108	
Finding absent :	All organs & tissues		
Test article : DPDME	Dose : 0 mg/kg	Animal No. : 10109	
Finding absent :	All organs & tissues		
Test article : DPDME	Dose : 0 mg/kg	Animal No. : 10110	
Finding absent :	All organs & tissues		

Necropsy findings
Sex : Male Stage : Day 29 Species : Rat

Test article : DPDME Dose : 40 mg/kg Animal No. : 10201
Finding absent : All organs & tissues

Test article : DPDME Dose : 40 mg/kg Animal No. : 10202
Finding absent : All organs & tissues

Test article : DPDME Dose : 40 mg/kg Animal No. : 10203
Finding absent : All organs & tissues

Test article : DPDME Dose : 40 mg/kg Animal No. : 10204
Finding absent : All organs & tissues

Test article : DPDME Dose : 40 mg/kg Animal No. : 10205
Finding absent : All organs & tissues

Test article : DPDME Dose : 40 mg/kg Animal No. : 10206
Finding absent : All organs & tissues

Test article : DPDME Dose : 40 mg/kg Animal No. : 10207
Finding absent : All organs & tissues

Test article : DPDME Dose : 40 mg/kg Animal No. : 10208
Finding absent : All organs & tissues

Test article : DPDME Dose : 40 mg/kg Animal No. : 10209
Finding absent : All organs & tissues

Test article : DPDME Dose : 40 mg/kg Animal No. : 10210
Epididymis
Findings : Finding present
Yellowish white focus, cauda, unilateral
Non-graded change
Finding Comment : unilateral : right, 10 x 6 x 6 mm

Finding absent : Other organs & tissues

Test article : DPDME Dose : 40 mg/kg Animal No. : 10211
Finding absent : All organs & tissues

Test article : DPDME Dose : 40 mg/kg Animal No. : 10212
Finding absent : All organs & tissues

Necropsy findings
Sex : Male Stage : Day 29 Species : Rat

Test article : DPDME	Dose : 200 mg/kg	Animal No. : 10301
Finding absent :	All organs & tissues	
Test article : DPDME	Dose : 200 mg/kg	Animal No. : 10302
Finding absent :	All organs & tissues	
Test article : DPDME	Dose : 200 mg/kg	Animal No. : 10303
Finding absent :	All organs & tissues	
Test article : DPDME	Dose : 200 mg/kg	Animal No. : 10304
Finding absent :	All organs & tissues	
Test article : DPDME	Dose : 200 mg/kg	Animal No. : 10305
Finding absent :	All organs & tissues	
Test article : DPDME	Dose : 200 mg/kg	Animal No. : 10306
Finding absent :	All organs & tissues	
Test article : DPDME	Dose : 200 mg/kg	Animal No. : 10307
Finding absent :	All organs & tissues	
Test article : DPDME	Dose : 200 mg/kg	Animal No. : 10308
Finding absent :	All organs & tissues	
Test article : DPDME	Dose : 200 mg/kg	Animal No. : 10309
Finding absent :	All organs & tissues	
Test article : DPDME	Dose : 200 mg/kg	Animal No. : 10310
Finding absent :	All organs & tissues	
Test article : DPDME	Dose : 200 mg/kg	Animal No. : 10311
Finding absent :	All organs & tissues	
Test article : DPDME	Dose : 200 mg/kg	Animal No. : 10312
Finding absent :	All organs & tissues	

Necropsy findings
Sex : Male Stage : Day 29 Species : Rat

Test article : DPDME	Dose : 1000 mg/kg	Animal No. : 10401
Finding absent :	All organs & tissues	

Test article : DPDME	Dose : 1000 mg/kg	Animal No. : 10407
Finding absent :	All organs & tissues	

Test article : DPDME	Dose : 1000 mg/kg	Animal No. : 10408
Finding absent :	All organs & tissues	

Test article : DPDME	Dose : 1000 mg/kg	Animal No. : 10409
Finding absent :	All organs & tissues	

Test article : DPDME	Dose : 1000 mg/kg	Animal No. : 10410
Finding absent :	All organs & tissues	

Test article : DPDME	Dose : 1000 mg/kg	Animal No. : 10411
Finding absent :	All organs & tissues	

Test article : DPDME	Dose : 1000 mg/kg	Animal No. : 10412
Finding absent :	All organs & tissues	

Necropsy findings
Sex : Female Stage : Day 14 after parturition Species : Rat

Test article : DPDME	Dose : 0 mg/kg	Animal No. : 50151	Non-pregnancy
Finding absent :	All organs & tissues		
Estrus cycle : Diestrus			
Test article : DPDME	Dose : 0 mg/kg	Animal No. : 50152	
Finding absent :	All organs & tissues		
Estrus cycle : Diestrus			
Test article : DPDME	Dose : 0 mg/kg	Animal No. : 50153	
Finding absent :	All organs & tissues		
Estrus cycle : Diestrus			
Test article : DPDME	Dose : 0 mg/kg	Animal No. : 50154	
Finding absent :	All organs & tissues		
Estrus cycle : Diestrus			
Test article : DPDME	Dose : 0 mg/kg	Animal No. : 50155	
Finding absent :	All organs & tissues		
Estrus cycle : Diestrus			
Test article : DPDME	Dose : 0 mg/kg	Animal No. : 50156	
Finding absent :	All organs & tissues		
Estrus cycle : Diestrus			
Test article : DPDME	Dose : 0 mg/kg	Animal No. : 50157	
Finding absent :	All organs & tissues		
Estrus cycle : Diestrus			
Test article : DPDME	Dose : 0 mg/kg	Animal No. : 50158	
Finding absent :	All organs & tissues		
Estrus cycle : Diestrus			
Test article : DPDME	Dose : 0 mg/kg	Animal No. : 50159	
Finding absent :	All organs & tissues		
Estrus cycle : Diestrus			
Test article : DPDME	Dose : 0 mg/kg	Animal No. : 50160	
Finding absent :	All organs & tissues		
Estrus cycle : Diestrus			
Test article : DPDME	Dose : 0 mg/kg	Animal No. : 50161	
Finding absent :	All organs & tissues		
Estrus cycle : Diestrus			
Test article : DPDME	Dose : 0 mg/kg	Animal No. : 50162	
Finding absent :	All organs & tissues		
Estrus cycle : Diestrus			

Necropsy findings
Sex : Female Stage : Day 14 after parturition Species : Rat

Test article : DPDME Dose : 40 mg/kg Animal No. : 50251
Finding absent : All organs & tissues
Estrus cycle : Diestrus

Test article : DPDME Dose : 40 mg/kg Animal No. : 50252
Finding absent : All organs & tissues
Estrus cycle : Diestrus

Test article : DPDME Dose : 40 mg/kg Animal No. : 50253
Finding absent : All organs & tissues
Estrus cycle : Diestrus

Test article : DPDME Dose : 40 mg/kg Animal No. : 50254
Finding absent : All organs & tissues
Estrus cycle : Diestrus

Test article : DPDME Dose : 40 mg/kg Animal No. : 50255
Finding absent : All organs & tissues
Estrus cycle : Diestrus

Test article : DPDME Dose : 40 mg/kg Animal No. : 50256
Finding absent : All organs & tissues
Estrus cycle : Diestrus

Test article : DPDME Dose : 40 mg/kg Animal No. : 50257
Finding absent : All organs & tissues
Estrus cycle : Diestrus

Test article : DPDME Dose : 40 mg/kg Animal No. : 50258
Finding absent : All organs & tissues
Estrus cycle : Diestrus

Test article : DPDME Dose : 40 mg/kg Animal No. : 50259
Finding absent : All organs & tissues
Estrus cycle : Diestrus

Test article : DPDME Dose : 40 mg/kg Animal No. : 50260
Finding absent : All organs & tissues
Estrus cycle : Diestrus

Test article : DPDME Dose : 40 mg/kg Animal No. : 50261
Finding absent : All organs & tissues
Estrus cycle : Diestrus

Test article : DPDME Dose : 40 mg/kg Animal No. : 50262
Finding absent : All organs & tissues
Estrus cycle : Diestrus

Necropsy findings
Sex : Female Stage : Day 14 after parturition Species : Rat

Test article : DPDME Dose : 200 mg/kg Animal No. : 50351
Finding absent : All organs & tissues
Estrus cycle : Diestrus

Test article : DPDME Dose : 200 mg/kg Animal No. : 50352
Finding absent : All organs & tissues
Estrus cycle : Diestrus

Test article : DPDME Dose : 200 mg/kg Animal No. : 50353
Finding absent : All organs & tissues
Estrus cycle : Diestrus

Test article : DPDME Dose : 200 mg/kg Animal No. : 50354
Finding absent : All organs & tissues
Estrus cycle : Diestrus

Test article : DPDME Dose : 200 mg/kg Animal No. : 50355
Finding absent : All organs & tissues
Estrus cycle : Diestrus

Test article : DPDME Dose : 200 mg/kg Animal No. : 50356
Finding absent : All organs & tissues
Estrus cycle : Diestrus

Test article : DPDME Dose : 200 mg/kg Animal No. : 50357
Finding absent : All organs & tissues
Estrus cycle : Diestrus

Test article : DPDME Dose : 200 mg/kg Animal No. : 50358
Finding absent : All organs & tissues
Estrus cycle : Diestrus

Test article : DPDME Dose : 200 mg/kg Animal No. : 50359
Finding absent : All organs & tissues
Estrus cycle : Diestrus

Test article : DPDME Dose : 200 mg/kg Animal No. : 50360
Finding absent : All organs & tissues
Estrus cycle : Diestrus

Test article : DPDME Dose : 200 mg/kg Animal No. : 50361
Finding absent : All organs & tissues
Estrus cycle : Diestrus

Test article : DPDME Dose : 200 mg/kg Animal No. : 50362
Finding absent : All organs & tissues
Estrus cycle : Diestrus

Necropsy findings
Sex : Female Stage : Day 14 after parturition Species : Rat

Test article : DPDME Dose : 1000 mg/kg Animal No. : 50451
Finding absent : All organs & tissues
Estrus cycle : Diestrus

Test article : DPDME Dose : 1000 mg/kg Animal No. : 50452
Finding absent : All organs & tissues
Estrus cycle : Diestrus

Test article : DPDME Dose : 1000 mg/kg Animal No. : 50453
Stomach
Findings : Finding present
Dark red focus, mucosa, multifocal, glandular stomach
Non-graded change

Finding absent : Other organs & tissues
Estrus cycle : Diestrus

Test article : DPDME Dose : 1000 mg/kg Animal No. : 50454
Finding absent : All organs & tissues
Estrus cycle : Diestrus

Test article : DPDME Dose : 1000 mg/kg Animal No. : 50455
Finding absent : All organs & tissues
Estrus cycle : Diestrus

Test article : DPDME Dose : 1000 mg/kg Animal No. : 50456
Finding absent : All organs & tissues
Estrus cycle : Diestrus

Necropsy findings
Sex : Female Stage : Day 14 after parturition Species : Rat

Test article : DPDME	Dose : 1000 mg/kg	Animal No. : 50457
Finding absent :	All organs & tissues	
Estrus cycle : Diestrus		
Test article : DPDME	Dose : 1000 mg/kg	Animal No. : 50458
Finding absent :	All organs & tissues	
Estrus cycle : Diestrus		
Test article : DPDME	Dose : 1000 mg/kg	Animal No. : 50459
Finding absent :	All organs & tissues	
Estrus cycle : Diestrus		
Test article : DPDME	Dose : 1000 mg/kg	Animal No. : 50460
Finding absent :	All organs & tissues	
Estrus cycle : Diestrus		
Test article : DPDME	Dose : 1000 mg/kg	Animal No. : 50461
Finding absent :	All organs & tissues	
Estrus cycle : Diestrus		
Test article : DPDME	Dose : 1000 mg/kg	Animal No. : 50462
Finding absent :	All organs & tissues	
Estrus cycle : Diestrus		

Necropsy findings
Sex : Female (satellite) Stage : Day 29 Species : Rat

Test article : DPDME	Dose : 0 mg/kg	Animal No. : 50551
Finding absent :	All organs & tissues	
Estrus cycle : Estrus		

Test article : DPDME	Dose : 0 mg/kg	Animal No. : 50552
Finding absent :	All organs & tissues	
Estrus cycle : Proestrus		

Test article : DPDME	Dose : 0 mg/kg	Animal No. : 50553
Finding absent :	All organs & tissues	
Estrus cycle : Diestrus		

Test article : DPDME	Dose : 0 mg/kg	Animal No. : 50554
Finding absent :	All organs & tissues	
Estrus cycle : Estrus		

Test article : DPDME	Dose : 0 mg/kg	Animal No. : 50555
Finding absent :	All organs & tissues	
Estrus cycle : Metestrus		

Necropsy findings
Sex : Female (satellite) Stage : Day 29 Species : Rat

Test article : DPDME	Dose : 1000 mg/kg	Animal No. : 50651
Finding absent :	All organs & tissues	
Estrus cycle : Diestrus		

Test article : DPDME	Dose : 1000 mg/kg	Animal No. : 50652
Finding absent :	All organs & tissues	
Estrus cycle : Estrus		

Test article : DPDME	Dose : 1000 mg/kg	Animal No. : 50653
Finding absent :	All organs & tissues	
Estrus cycle : Diestrus		

Test article : DPDME	Dose : 1000 mg/kg	Animal No. : 50654
Finding absent :	All organs & tissues	
Estrus cycle : Metestrus		

Test article : DPDME	Dose : 1000 mg/kg	Animal No. : 50655
Finding absent :	All organs & tissues	
Estrus cycle : Diestrus		

Necropsy findings
Sex : Male Stage : Recovery day 15 Species : Rat

Test article : DPDME	Dose : 0 mg/kg	Animal No. : 10102
Finding absent :	All organs & tissues	

Test article : DPDME	Dose : 0 mg/kg	Animal No. : 10103
Finding absent :	All organs & tissues	

Test article : DPDME	Dose : 0 mg/kg	Animal No. : 10107
Finding absent :	All organs & tissues	

Test article : DPDME	Dose : 0 mg/kg	Animal No. : 10111
Finding absent :	All organs & tissues	

Test article : DPDME	Dose : 0 mg/kg	Animal No. : 10112
Finding absent :	All organs & tissues	

Necropsy findings
Sex : Male Stage : Recovery day 15 Species : Rat

Test article : DPDME	Dose : 1000 mg/kg	Animal No. : 10402
Finding absent :	All organs & tissues	

Test article : DPDME	Dose : 1000 mg/kg	Animal No. : 10403
Finding absent :	All organs & tissues	

Test article : DPDME	Dose : 1000 mg/kg	Animal No. : 10404
Finding absent :	All organs & tissues	

Test article : DPDME	Dose : 1000 mg/kg	Animal No. : 10405
Finding absent :	All organs & tissues	

Test article : DPDME	Dose : 1000 mg/kg	Animal No. : 10406
Finding absent :	All organs & tissues	

Necropsy findings
Sex : Female (satellite) Stage : Recovery day 15 Species : Rat

Test article : DPDME	Dose : 0 mg/kg	Animal No. : 50556
Finding absent :	All organs & tissues	
Estrus cycle : Proestrus		

Test article : DPDME	Dose : 0 mg/kg	Animal No. : 50557
Finding absent :	All organs & tissues	
Estrus cycle : Diestrus		

Test article : DPDME	Dose : 0 mg/kg	Animal No. : 50558
Finding absent :	All organs & tissues	
Estrus cycle : Diestrus		

Test article : DPDME	Dose : 0 mg/kg	Animal No. : 50559
Finding absent :	All organs & tissues	
Estrus cycle : Diestrus		

Test article : DPDME	Dose : 0 mg/kg	Animal No. : 50560
Finding absent :	All organs & tissues	
Estrus cycle : Estrus		

Necropsy findings
Sex : Female (satellite) Stage : Recovery day 15 Species : Rat

Test article : DPDME	Dose : 1000 mg/kg	Animal No. : 50656
Finding absent :	All organs & tissues	
Estrus cycle : Diestrus		

Test article : DPDME	Dose : 1000 mg/kg	Animal No. : 50657
Finding absent :	All organs & tissues	
Estrus cycle : Estrus		

Test article : DPDME	Dose : 1000 mg/kg	Animal No. : 50658
Finding absent :	All organs & tissues	
Estrus cycle : Diestrus		

Test article : DPDME	Dose : 1000 mg/kg	Animal No. : 50659
Finding absent :	All organs & tissues	
Estrus cycle : Estrus		

Test article : DPDME	Dose : 1000 mg/kg	Animal No. : 50660
Finding absent :	All organs & tissues	
Estrus cycle : Diestrus		

Organ weight
Sex : Male
Stage : Day 29
Dose : DPDME 0 mg/kg
Species : Rat

Animal No.	Body weight g	Liver AB g	Liver RE g/100g	Kidney AB g	Kidney RE g/100g	Heart AB g	Heart RE g/100g	Spleen AB mg	Spleen RE mg/100g
10101	474	11.78	2.49	2.86	0.60	1.52	0.32	747	157.59
10104	581	14.30	2.46	3.37	0.58	1.78	0.31	956	164.54
10105	469	11.82	2.52	3.11	0.66	1.66	0.35	809	172.49
10106	477	10.71	2.25	2.72	0.57	1.23	0.26	797	167.09
10108	534	12.38	2.32	3.16	0.59	1.39	0.26	792	148.31
10109	470	11.55	2.46	2.98	0.63	1.32	0.28	639	135.96
10110	486	11.16	2.30	3.48	0.72	1.55	0.32	799	164.40
n	7	7	7	7	7	7	7	7	7
Mean	498.7	11.957	2.400	3.097	0.621	1.493	0.300	791.3	158.626
S.D.	42.8	1.160	0.107	0.270	0.053	0.193	0.034	93.7	12.606

Animal No.	Thymus AB mg	Thymus RE mg/100g	Adrenal AB mg	Adrenal RE mg/100g	Pituitary gland AB mg	Pituitary gland RE mg/100g	Thyroid AB mg	Thyroid RE mg/100g	Testis AB g	Testis RE g/100g
10101	427	90.08	61	12.87	9.8	2.07	21.3	4.49	3.41	0.72
10104	352	60.59	81	13.94	16.2	2.79	26.0	4.48	3.29	0.57
10105	375	79.96	81	17.27	11.7	2.49	22.3	4.75	3.56	0.76
10106	225	47.17	97	20.34	11.1	2.33	24.2	5.07	3.16	0.66
10108	337	63.11	68	12.73	13.7	2.57	24.0	4.49	3.12	0.58
10109	250	53.19	63	13.40	12.0	2.55	27.1	5.77	3.24	0.69
10110	456	93.83	56	11.52	11.6	2.39	30.3	6.23	3.45	0.71
n	7	7	7	7	7	7	7	7	7	7
Mean	346.0	69.704	72.4	14.581	12.30	2.456	25.03	5.040	3.319	0.670
S.D.	85.1	18.301	14.5	3.107	2.07	0.225	3.06	0.701	0.161	0.072

Animal No.	Epididymis AB g	Epididymis RE g/100g	Prostate AB mg	Prostate RE mg/100g	Seminal vesicle AB g	Seminal vesicle RE g/100g	Brain AB g	Brain RE g/100g
10101	1.44	0.30	743	156.75	1.31	0.28	2.13	0.45
10104	1.57	0.27	1149	197.76	2.41	0.41	2.24	0.39
10105	1.47	0.31	824	175.69	2.61	0.56	2.23	0.48
10106	1.28	0.27	840	176.10	2.83	0.59	2.10	0.44
10108	1.35	0.25	690	129.21	2.24	0.42	2.17	0.41
10109	1.28	0.27	1003	213.40	2.33	0.50	2.21	0.47
10110	1.38	0.28	819	168.52	2.31	0.48	2.10	0.43
n	7	7	7	7	7	7	7	7
Mean	1.396	0.279	866.9	173.919	2.291	0.463	2.169	0.439
S.D.	0.106	0.020	157.9	27.258	0.478	0.104	0.060	0.032

AB : Absolute weight, RE : Relative weight by body weight

Organ weight
Sex : Male
Stage : Day 29
Dose : DPDME 40 mg/kg
Species : Rat

Animal No.	Body weight g	Liver AB g	Liver RE g/100g	Kidney AB g	Kidney RE g/100g	Heart AB g	Heart RE g/100g	Spleen AB mg	Spleen RE mg/100g
10201	455	11.34	2.49	3.00	0.66	1.31	0.29	688	151.21
10202	484	11.49	2.37	3.32	0.69	1.34	0.28	757	156.40
10203	488	11.75	2.41	3.46	0.71	1.60	0.33	813	166.60
10204	545	14.38	2.64	3.56	0.65	1.65	0.30	780	143.12
10205	441	10.05	2.28	2.85	0.65	1.34	0.30	760	172.34
10206	514	12.72	2.47	3.01	0.59	1.47	0.29	743	144.55
10207	586	14.27	2.44	3.55	0.61	1.66	0.28	894	152.56
10208	575	18.02	3.13	3.82	0.66	1.50	0.26	960	166.96
10209	505	12.22	2.42	3.35	0.66	1.38	0.27	516	102.18
10210	469	13.02	2.78	3.41	0.73	1.45	0.31	619	131.98
10211	495	12.20	2.46	3.13	0.63	1.37	0.28	900	181.82
10212	515	12.22	2.37	3.47	0.67	1.59	0.31	653	126.80
n	12	12	12	12	12	12	12	12	12
Mean	506.0	12.807	2.522	3.328	0.659	1.472	0.292	756.9	149.710
S.D.	44.7	2.034	0.232	0.281	0.039	0.127	0.019	126.8	22.053

Animal No.	Thymus AB mg	Thymus RE mg/100g	Adrenal AB mg	Adrenal RE mg/100g	Pituitary gland AB mg	Pituitary gland RE mg/100g	Thyroid AB mg	Thyroid RE mg/100g	Testis AB g	Testis RE g/100g
10201	291	63.96	47	10.33	8.9	1.96	22.4	4.92	3.02	0.66
10202	374	77.27	65	13.43	7.6	1.57	17.9	3.70	3.47	0.72
10203	375	76.84	58	11.89	12.3	2.52	26.0	5.33	3.53	0.72
10204	281	51.56	61	11.19	13.4	2.46	36.6	6.72	3.64	0.67
10205	210	47.62	72	16.33	12.8	2.90	21.9	4.97	2.93	0.66
10206	235	45.72	76	14.79	10.9	2.12	22.9	4.46	3.11	0.61
10207	311	53.07	71	12.12	12.7	2.17	28.1	4.80	3.93	0.67
10208	266	46.26	87	15.13	12.1	2.10	20.6	3.58	3.49	0.61
10209	264	52.28	56	11.09	14.3	2.83	22.0	4.36	3.42	0.68
10210	269	57.36	84	17.91	15.2	3.24	25.3	5.39	3.48	0.74
10211	298	60.20	64	12.93	13.2	2.67	22.1	4.46	3.76	0.76
10212	331	64.27	74	14.37	21.5	4.17	36.9	7.17	3.49	0.68
n	12	12	12	12	12	12	12	12	12	12
Mean	292.1	58.034	67.9	13.459	12.91	2.559	25.23	4.988	3.439	0.682
S.D.	50.1	10.876	11.7	2.307	3.45	0.685	5.99	1.073	0.293	0.047

AB : Absolute weight, RE : Relative weight by body weight

Organ weight
Sex : Male
Stage : Day 29
Dose : DPDME 40 mg/kg
Species : Rat

	Epididymis		Prostate		Seminal vesicle		Brain	
	AB	RE	AB	RE	AB	RE	AB	RE
Animal No.	g	g/100g	mg	mg/100g	g	g/100g	g	g/100g
10201	1.35	0.30	704	154.73	2.65	0.58	2.18	0.48
10202	1.40	0.29	829	171.28	2.46	0.51	2.16	0.45
10203	1.55	0.32	757	155.12	2.74	0.56	2.22	0.45
10204	1.52	0.28	697	127.89	2.70	0.50	2.25	0.41
10205	1.22	0.28	583	132.20	2.37	0.54	2.10	0.48
10206	1.26	0.25	824	160.31	2.21	0.43	2.25	0.44
10207	1.53	0.26	1216	207.51	2.52	0.43	2.33	0.40
10208	1.42	0.25	945	164.35	2.81	0.49	2.25	0.39
10209	1.32	0.26	775	153.47	2.34	0.46	2.03	0.40
10210	1.67	0.36	975	207.89	2.29	0.49	2.14	0.46
10211	1.50	0.30	960	193.94	1.77	0.36	2.24	0.45
10212	1.46	0.28	970	188.35	2.79	0.54	2.21	0.43
n	12	12	12	12	12	12	12	12
Mean	1.433	0.286	852.9	168.087	2.471	0.491	2.197	0.437
S.D.	0.131	0.032	169.6	26.571	0.301	0.063	0.080	0.031

AB : Absolute weight, RE : Relative weight by body weight

Organ weight
Sex : Male
Stage : Day 29
Dose : DPDME 200 mg/kg
Species : Rat

Animal No.	Body weight	Liver		Kidney		Heart		Spleen	
		AB	RE	AB	RE	AB	RE	AB	RE
	g	g	g/100g	g	g/100g	g	g/100g	mg	mg/100g
10301	486	11.52	2.37	2.98	0.61	1.36	0.28	712	146.50
10302	516	12.65	2.45	3.42	0.66	1.39	0.27	739	143.22
10303	476	12.98	2.73	3.09	0.65	1.27	0.27	1049	220.38
10304	536	16.81	3.14	3.65	0.68	1.63	0.30	889	165.86
10305	436	10.57	2.42	2.61	0.60	1.23	0.28	642	147.25
10306	515	14.22	2.76	3.71	0.72	1.42	0.28	940	182.52
10307	458	11.09	2.42	3.27	0.71	1.51	0.33	755	164.85
10308	492	13.37	2.72	3.87	0.79	1.70	0.35	761	154.67
10309	524	13.99	2.67	3.42	0.65	1.75	0.33	880	167.94
10310	542	16.03	2.96	3.61	0.67	1.48	0.27	890	164.21
10311	479	11.81	2.47	3.19	0.67	1.38	0.29	692	144.47
10312	555	15.73	2.83	3.83	0.69	1.55	0.28	829	149.37
n	12	12	12	12	12	12	12	12	12
Mean	501.3	13.398	2.662	3.388	0.675	1.473	0.294	814.8	162.603
S.D.	36.0	2.026	0.243	0.377	0.051	0.163	0.027	118.3	21.782

Animal No.	Thymus		Adrenal		Pituitary gland		Thyroid		Testis	
	AB	RE	AB	RE	AB	RE	AB	RE	AB	RE
	mg	mg/100g	mg	mg/100g	mg	mg/100g	mg	mg/100g	g	g/100g
10301	360	74.07	64	13.17	13.1	2.70	28.9	5.95	2.99	0.62
10302	279	54.07	77	14.92	12.9	2.50	19.8	3.84	2.95	0.57
10303	359	75.42	69	14.50	11.0	2.31	25.3	5.32	3.28	0.69
10304	275	51.31	70	13.06	13.4	2.50	30.8	5.75	3.56	0.66
10305	261	59.86	66	15.14	11.5	2.64	25.5	5.85	3.16	0.72
10306	280	54.37	88	17.09	17.7	3.44	22.2	4.31	3.39	0.66
10307	358	78.17	70	15.28	10.4	2.27	29.3	6.40	3.61	0.79
10308	365	74.19	74	15.04	12.0	2.44	22.2	4.51	4.04	0.82
10309	257	49.05	65	12.40	13.5	2.58	32.1	6.13	3.54	0.68
10310	402	74.17	81	14.94	13.0	2.40	24.1	4.45	3.79	0.70
10311	372	77.66	75	15.66	14.2	2.96	21.2	4.43	3.20	0.67
10312	302	54.41	84	15.14	14.0	2.52	25.1	4.52	3.57	0.64
n	12	12	12	12	12	12	12	12	12	12
Mean	322.5	64.729	73.6	14.695	13.06	2.605	25.54	5.122	3.423	0.685
S.D.	51.4	11.697	7.7	1.277	1.88	0.321	3.96	0.867	0.324	0.069

AB : Absolute weight, RE : Relative weight by body weight

Organ weight
Sex : Male
Stage : Day 29
Dose : DPDME 200 mg/kg
Species : Rat

	Epididymis		Prostate		Seminal vesicle		Brain	
	AB	RE	AB	RE	AB	RE	AB	RE
Animal No.	g	g/100g	mg	mg/100g	g	g/100g	g	g/100g
10301	1.23	0.25	694	142.80	2.06	0.42	2.09	0.43
10302	1.33	0.26	909	176.16	2.48	0.48	2.22	0.43
10303	1.45	0.30	820	172.27	2.02	0.42	2.10	0.44
10304	1.40	0.26	728	135.82	2.94	0.55	2.33	0.43
10305	1.21	0.28	786	180.28	2.25	0.52	2.17	0.50
10306	1.36	0.26	961	186.60	2.90	0.56	2.05	0.40
10307	1.38	0.30	717	156.55	2.70	0.59	2.13	0.47
10308	1.47	0.30	858	174.39	2.36	0.48	2.29	0.47
10309	1.38	0.26	969	184.92	2.65	0.51	2.37	0.45
10310	1.53	0.28	753	138.93	2.64	0.49	2.28	0.42
10311	1.45	0.30	677	141.34	2.05	0.43	2.14	0.45
10312	1.41	0.25	936	168.65	2.09	0.38	2.05	0.37
n	12	12	12	12	12	12	12	12
Mean	1.383	0.275	817.3	163.226	2.428	0.486	2.185	0.438
S.D.	0.093	0.021	107.0	19.053	0.337	0.064	0.111	0.034

AB : Absolute weight, RE : Relative weight by body weight

Organ weight
Sex : Male
Stage : Day 29
Dose : DPDME 1000 mg/kg
Species : Rat

Animal No.	Body weight g	Liver AB g	Liver RE g/100g	Kidney AB g	Kidney RE g/100g	Heart AB g	Heart RE g/100g	Spleen AB mg	Spleen RE mg/100g
10401	547	16.09	2.94	4.20	0.77	1.59	0.29	901	164.72
10407	476	18.25	3.83	3.27	0.69	1.40	0.29	944	198.32
10408	472	14.12	2.99	3.23	0.68	1.42	0.30	778	164.83
10409	440	13.17	2.99	3.28	0.75	1.58	0.36	684	155.45
10410	450	15.93	3.54	3.41	0.76	1.34	0.30	801	178.00
10411	567	21.32	3.76	4.04	0.71	1.73	0.31	936	165.08
10412	527	19.88	3.77	4.03	0.76	1.58	0.30	979	185.77
n	7	7	7	7	7	7	7	7	7
Mean	497.0	16.966	3.403	3.637	0.731	1.520	0.307	860.4	173.167
S.D.	49.7	2.985	0.412	0.431	0.037	0.137	0.024	107.9	14.917

Animal No.	Thymus AB mg	Thymus RE mg/100g	Adrenal AB mg	Adrenal RE mg/100g	Pituitary gland AB mg	Pituitary gland RE mg/100g	Thyroid AB mg	Thyroid RE mg/100g	Testis AB g	Testis RE g/100g
10401	326	59.60	73	13.35	14.0	2.56	29.7	5.43	3.21	0.59
10407	260	54.62	52	10.92	9.6	2.02	23.7	4.98	3.11	0.65
10408	318	67.37	77	16.31	11.3	2.39	24.7	5.23	2.35	0.50
10409	237	53.86	67	15.23	10.3	2.34	18.5	4.20	3.30	0.75
10410	266	59.11	59	13.11	9.4	2.09	28.6	6.36	3.64	0.81
10411	236	41.62	62	10.93	7.6	1.34	24.9	4.39	4.04	0.71
10412	295	55.98	66	12.52	12.5	2.37	15.1	2.87	3.44	0.65
n	7	7	7	7	7	7	7	7	7	7
Mean	276.9	56.023	65.1	13.196	10.67	2.159	23.60	4.780	3.299	0.666
S.D.	36.7	7.801	8.4	2.026	2.13	0.405	5.22	1.103	0.521	0.103

Animal No.	Epididymis AB g	Epididymis RE g/100g	Prostate AB mg	Prostate RE mg/100g	Seminal vesicle AB g	Seminal vesicle RE g/100g	Brain AB g	Brain RE g/100g
10401	1.39	0.25	898	164.17	3.34	0.61	2.27	0.41
10407	1.15	0.24	573	120.38	1.55	0.33	2.16	0.45
10408	1.41	0.30	537	113.77	2.31	0.49	2.13	0.45
10409	1.26	0.29	492	111.82	2.54	0.58	2.02	0.46
10410	1.34	0.30	661	146.89	2.27	0.50	2.18	0.48
10411	1.36	0.24	877	154.67	2.42	0.43	2.20	0.39
10412	1.36	0.26	543	103.04	2.50	0.47	2.16	0.41
n	7	7	7	7	7	7	7	7
Mean	1.324	0.269	654.4	130.677	2.419	0.487	2.160	0.436
S.D.	0.090	0.027	167.4	24.054	0.526	0.093	0.076	0.033

AB : Absolute weight, RE : Relative weight by body weight

Organ weight
Sex : Female
Stage : Day 14 after parturition
Dose : DPDME 0 mg/kg
Species : Rat

Animal No.	Body weight g	Liver AB g	Liver RE g/100g	Kidney AB g	Kidney RE g/100g	Heart AB g	Heart RE g/100g	Spleen AB mg	Spleen RE mg/100g
50151	330 $	8.08 $	2.45 $	1.87 $	0.57 $	0.99 $	0.30 $	585 $	177.27 $
50152	336	9.78	2.91	2.20	0.65	1.00	0.30	576	171.43
50153	337	9.77	2.90	2.61	0.77	1.03	0.31	484	143.62
50154	332	10.22	3.08	2.45	0.74	1.04	0.31	549	165.36
50155	350	10.38	2.97	2.19	0.63	1.04	0.30	664	189.71
50156	344	10.49	3.05	2.53	0.74	1.14	0.33	653	189.83
50157	333	11.11	3.34	2.45	0.74	1.05	0.32	632	189.79
50158	353	12.14	3.44	2.69	0.76	1.34	0.38	787	222.95
50159	362	11.65	3.22	2.30	0.64	1.15	0.32	774	213.81
50160	341	12.06	3.54	2.59	0.76	1.27	0.37	520	152.49
50161	308	10.38	3.37	1.85	0.60	1.04	0.34	560	181.82
50162	350	12.14	3.47	2.27	0.65	1.18	0.34	593	169.43
n	11	11	11	11	11	11	11	11	11
Mean	340.5	10.920	3.208	2.375	0.698	1.116	0.329	617.5	180.931
S.D.	14.2	0.934	0.236	0.244	0.064	0.111	0.027	97.2	23.975

Animal No.	Thymus AB mg	Thymus RE mg/100g	Adrenal AB mg	Adrenal RE mg/100g	Pituitary gland AB mg	Pituitary gland RE mg/100g	Thyroid AB mg	Thyroid RE mg/100g	Ovary AB mg	Ovary RE mg/100g
50151	317 $	96.06 $	82 $	24.85 $	19.8 $	6.00 $	17.2 $	5.21 $	87 $	26.36 $
50152	229	68.15	71	21.13	19.2	5.71	19.7	5.86	95	28.27
50153	149	44.21	86	25.52	10.6	3.15	14.7	4.36	84	24.93
50154	197	59.34	95	28.61	22.2	6.69	10.4	3.13	81	24.40
50155	366	104.57	75	21.43	15.7	4.49	10.2	2.91	126	36.00
50156	212	61.63	69	20.06	15.6	4.53	22.8	6.63	95	27.62
50157	172	51.65	69	20.72	15.5	4.65	16.1	4.83	92	27.63
50158	209	59.21	75	21.25	15.3	4.33	27.4	7.76	104	29.46
50159	289	79.83	75	20.72	14.1	3.90	15.6	4.31	111	30.66
50160	466	136.66	86	25.22	17.2	5.04	23.1	6.77	124	36.36
50161	120	38.96	73	23.70	22.9	7.44	15.3	4.97	103	33.44
50162	228	65.14	63	18.00	14.4	4.11	17.6	5.03	88	25.14
n	11	11	11	11	11	11	11	11	11	11
Mean	239.7	69.941	76.1	22.396	16.61	4.913	17.54	5.142	100.3	29.446
S.D.	100.3	28.333	9.3	3.038	3.61	1.253	5.33	1.507	15.1	4.250

AB : Absolute weight, RE : Relative weight by body weight
$: Excepted data from calculation (non-pregnancy)

Organ weight
Sex : Female

Stage : Day 14 after parturition
Dose : DPDME 0 mg/kg
Species : Rat

	Uterus		Brain	
	AB	RE	AB	RE
Animal No.	mg	mg/100g	g	g/100g
50151	523 $	158.48 $	1.90 $	0.58 $
50152	560	166.67	1.90	0.57
50153	670	198.81	1.79	0.53
50154	571	171.99	1.95	0.59
50155	653	186.57	2.06	0.59
50156	451	131.10	2.03	0.59
50157	653	196.10	2.15	0.65
50158	609	172.52	2.24	0.63
50159	670	185.08	2.00	0.55
50160	594	174.19	2.17	0.64
50161	689	223.70	2.09	0.68
50162	430	122.86	2.00	0.57
n	11	11	11	11
Mean	595.5	175.417	2.035	0.599
S.D.	87.6	28.894	0.128	0.046

AB : Absolute weight, RE : Relative weight by body weight
$: Excepted data from calculation (non-pregnancy)

Organ weight
Sex : Female
Stage : Day 14 after parturition
Dose : DPDME 40 mg/kg
Species : Rat

Animal No.	Body weight g	Liver AB g	Liver RE g/100g	Kidney AB g	Kidney RE g/100g	Heart AB g	Heart RE g/100g	Spleen AB mg	Spleen RE mg/100g
50251	342	10.93	3.20	2.27	0.66	1.06	0.31	536	156.73
50252	340	11.15	3.28	2.31	0.68	1.12	0.33	497	146.18
50253	326	10.91	3.35	2.32	0.71	1.03	0.32	472	144.79
50254	358	12.80	3.58	2.63	0.73	1.28	0.36	653	182.40
50255	327	10.82	3.31	2.08	0.64	1.20	0.37	538	164.53
50256	316	10.59	3.35	2.18	0.69	0.99	0.31	613	193.99
50257	356	11.79	3.31	2.40	0.67	1.05	0.29	647	181.74
50258	349	11.13	3.19	2.34	0.67	1.04	0.30	697	199.71
50259	339	11.18	3.30	2.20	0.65	1.10	0.32	649	191.45
50260	333	11.63	3.49	2.39	0.72	1.15	0.35	607	182.28
50261	353	12.19	3.45	2.60	0.74	1.18	0.33	739	209.35
50262	363	13.70	3.77	2.37	0.65	1.17	0.32	816	224.79
n	12	12	12	12	12	12	12	12	12
Mean	341.8	11.568	3.382	2.341	0.684	1.114	0.326	622.0	181.495
S.D.	14.5	0.923	0.167	0.159	0.034	0.085	0.024	101.0	24.743

Animal No.	Thymus AB mg	Thymus RE mg/100g	Adrenal AB mg	Adrenal RE mg/100g	Pituitary gland AB mg	Pituitary gland RE mg/100g	Thyroid AB mg	Thyroid RE mg/100g	Ovary AB mg	Ovary RE mg/100g
50251	260	76.02	78	22.81	15.5	4.53	23.1	6.75	70	20.47
50252	153	45.00	59	17.35	11.9	3.50	20.6	6.06	97	28.53
50253	157	48.16	68	20.86	17.0	5.21	17.1	5.25	91	27.91
50254	145	40.50	77	21.51	16.9	4.72	16.2	4.53	109	30.45
50255	148	45.26	98	29.97	14.0	4.28	20.5	6.27	123	37.61
50256	173	54.75	76	24.05	15.6	4.94	19.3	6.11	103	32.59
50257	127	35.67	87	24.44	19.4	5.45	23.5	6.60	96	26.97
50258	195	55.87	78	22.35	16.1	4.61	19.5	5.59	104	29.80
50259	227	66.96	90	26.55	15.4	4.54	19.0	5.60	94	27.73
50260	188	56.46	72	21.62	13.0	3.90	17.2	5.17	94	28.23
50261	271	76.77	108	30.59	28.7	8.13	17.1	4.84	118	33.43
50262	342	94.21	74	20.39	17.3	4.77	20.9	5.76	110	30.30
n	12	12	12	12	12	12	12	12	12	12
Mean	198.8	57.969	80.4	23.541	16.73	4.882	19.50	5.711	100.8	29.502
S.D.	64.3	17.370	13.4	3.889	4.27	1.151	2.36	0.684	13.9	4.140

AB : Absolute weight, RE : Relative weight by body weight

Organ weight
Sex : Female

Stage : Day 14 after parturition
Dose : DPDME 40 mg/kg

Species : Rat

	Uterus		Brain	
	AB	RE	AB	RE
Animal No.	mg	mg/100g	g	g/100g
50251	687	200.88	2.06	0.60
50252	425	125.00	2.02	0.59
50253	461	141.41	2.06	0.63
50254	573	160.06	2.17	0.61
50255	603	184.40	1.88	0.57
50256	589	186.39	1.84	0.58
50257	602	169.10	2.17	0.61
50258	476	136.39	2.15	0.62
50259	757	223.30	1.98	0.58
50260	470	141.14	2.09	0.63
50261	611	173.09	2.08	0.59
50262	524	144.35	2.01	0.55
n	12	12	12	12
Mean	564.8	165.459	2.043	0.597
S.D.	98.3	29.534	0.105	0.025

AB : Absolute weight, RE : Relative weight by body weight

Organ weight
Sex : Female
Stage : Day 14 after parturition
Dose : DPDME 200 mg/kg
Species : Rat

Animal No.	Body weight g	Liver AB g	Liver RE g/100g	Kidney AB g	Kidney RE g/100g	Heart AB g	Heart RE g/100g	Spleen AB mg	Spleen RE mg/100g
50351	361	12.13	3.36	2.14	0.59	1.10	0.30	569	157.62
50352	365	12.94	3.55	2.59	0.71	1.18	0.32	629	172.33
50353	324	10.43	3.22	2.11	0.65	1.15	0.35	614	189.51
50354	348	12.94	3.72	2.48	0.71	1.36	0.39	564	162.07
50355	339	11.51	3.40	2.37	0.70	1.14	0.34	630	185.84
50356	329	12.12	3.68	2.49	0.76	1.23	0.37	731	222.19
50357	340	11.45	3.37	2.37	0.70	1.15	0.34	572	168.24
50358	310	10.96	3.54	2.51	0.81	1.01	0.33	648	209.03
50359	338	11.72	3.47	2.13	0.63	1.20	0.36	543	160.65
50360	338	11.38	3.37	2.43	0.72	1.11	0.33	698	206.51
50361	348	12.75	3.66	2.38	0.68	1.25	0.36	664	190.80
50362	371	13.39	3.61	2.85	0.77	1.27	0.34	624	168.19
n	12	12	12	12	12	12	12	12	12
Mean	342.6	11.977	3.496	2.404	0.703	1.179	0.344	623.8	182.748
S.D.	17.5	0.896	0.155	0.212	0.061	0.091	0.024	56.5	21.340

Animal No.	Thymus AB mg	Thymus RE mg/100g	Adrenal AB mg	Adrenal RE mg/100g	Pituitary gland AB mg	Pituitary gland RE mg/100g	Thyroid AB mg	Thyroid RE mg/100g	Ovary AB mg	Ovary RE mg/100g
50351	184	50.97	75	20.78	14.8	4.10	18.5	5.12	107	29.64
50352	265	72.60	74	20.27	13.5	3.70	25.6	7.01	106	29.04
50353	251	77.47	72	22.22	14.9	4.60	15.2	4.69	88	27.16
50354	190	54.60	73	20.98	13.7	3.94	14.9	4.28	93	26.72
50355	266	78.47	84	24.78	13.8	4.07	15.6	4.60	123	36.28
50356	146	44.38	87	26.44	16.6	5.05	24.1	7.33	121	36.78
50357	173	50.88	80	23.53	13.5	3.97	13.5	3.97	85	25.00
50358	241	77.74	85	27.42	15.2	4.90	18.5	5.97	99	31.94
50359	176	52.07	82	24.26	15.7	4.64	24.4	7.22	110	32.54
50360	285	84.32	71	21.01	14.3	4.23	21.7	6.42	90	26.63
50361	268	77.01	70	20.11	17.1	4.91	25.8	7.41	92	26.44
50362	256	69.00	69	18.60	15.0	4.04	15.6	4.20	110	29.65
n	12	12	12	12	12	12	12	12	12	12
Mean	225.1	65.793	76.8	22.533	14.84	4.346	19.45	5.685	102.0	29.818
S.D.	47.6	14.077	6.4	2.739	1.18	0.451	4.62	1.349	12.8	3.864

AB : Absolute weight, RE : Relative weight by body weight

Organ weight
Sex : Female

Stage : Day 14 after parturition
Dose : DPDME 200 mg/kg

Species : Rat

	Uterus		Brain	
	AB	RE	AB	RE
Animal No.	mg	mg/100g	g	g/100g
50351	491	136.01	1.97	0.55
50352	670	183.56	1.87	0.51
50353	605	186.73	2.09	0.65
50354	496	142.53	2.05	0.59
50355	551	162.54	2.06	0.61
50356	535	162.61	2.00	0.61
50357	471	138.53	1.91	0.56
50358	569	183.55	2.03	0.65
50359	590	174.56	2.03	0.60
50360	582	172.19	2.14	0.63
50361	446	128.16	2.07	0.59
50362	508	136.93	2.22	0.60
n	12	12	12	12
Mean	542.8	158.992	2.037	0.596
S.D.	64.1	21.476	0.095	0.041

AB : Absolute weight, RE : Relative weight by body weight

Organ weight
Sex : Female
Stage : Day 14 after parturition
Dose : DPDME 1000 mg/kg
Species : Rat

Animal No.	Body weight g	Liver AB g	Liver RE g/100g	Kidney AB g	Kidney RE g/100g	Heart AB g	Heart RE g/100g	Spleen AB mg	Spleen RE mg/100g
50451	328	12.29	3.75	2.25	0.69	1.06	0.32	485	147.87
50452	329	13.86	4.21	2.49	0.76	1.06	0.32	632	192.10
50453	343	14.00	4.08	2.51	0.73	1.19	0.35	698	203.50
50454	324	13.07	4.03	2.52	0.78	1.06	0.33	620	191.36
50455	311	11.57	3.72	2.22	0.71	0.98	0.32	596	191.64
50456	322	13.45	4.18	2.08	0.65	1.08	0.34	559	173.60
50457	377	14.59	3.87	2.60	0.69	1.29	0.34	733	194.43
50458	364	14.90	4.09	2.96	0.81	1.15	0.32	482	132.42
50459	333	13.93	4.18	2.44	0.73	0.99	0.30	687	206.31
50460	335	14.09	4.21	2.50	0.75	1.02	0.30	488	145.67
50461	369	16.12	4.37	2.67	0.72	1.20	0.33	736	199.46
50462	310	13.68	4.41	2.36	0.76	1.19	0.38	509	164.19
n	12	12	12	12	12	12	12	12	12
Mean	337.1	13.796	4.092	2.467	0.732	1.106	0.329	602.1	178.546
S.D.	22.1	1.179	0.220	0.229	0.044	0.097	0.022	97.4	25.195

Animal No.	Thymus AB mg	Thymus RE mg/100g	Adrenal AB mg	Adrenal RE mg/100g	Pituitary gland AB mg	Pituitary gland RE mg/100g	Thyroid AB mg	Thyroid RE mg/100g	Ovary AB mg	Ovary RE mg/100g
50451	365	111.28	71	21.65	15.5	4.73	19.4	5.91	109	33.23
50452	237	72.04	122	37.08	16.3	4.95	17.7	5.38	115	34.95
50453	197	57.43	105	30.61	15.2	4.43	26.1	7.61	136	39.65
50454	179	55.25	70	21.60	12.8	3.95	20.5	6.33	101	31.17
50455	205	65.92	73	23.47	14.1	4.53	16.6	5.34	85	27.33
50456	148	45.96	72	22.36	11.1	3.45	13.4	4.16	81	25.16
50457	229	60.74	111	29.44	14.7	3.90	17.5	4.64	103	27.32
50458	123	33.79	87	23.90	15.4	4.23	23.3	6.40	92	25.27
50459	181	54.35	91	27.33	12.4	3.72	11.2	3.36	98	29.43
50460	192	57.31	99	29.55	13.7	4.09	19.6	5.85	118	35.22
50461	165	44.72	95	25.75	19.6	5.31	26.0	7.05	133	36.04
50462	188	60.65	82	26.45	16.6	5.35	18.6	6.00	97	31.29
n	12	12	12	12	12	12	12	12	12	12
Mean	200.8	59.953	89.8	26.599	14.78	4.387	19.16	5.669	105.7	31.338
S.D.	60.6	19.061	17.2	4.558	2.23	0.611	4.50	1.195	17.3	4.610

AB : Absolute weight, RE : Relative weight by body weight

Organ weight
Sex : Female

Stage : Day 14 after parturition
Dose : DPDME 1000 mg/kg

Species : Rat

	Uterus		Brain	
	AB	RE	AB	RE
Animal No.	mg	mg/100g	g	g/100g
50451	506	154.27	2.08	0.63
50452	567	172.34	2.06	0.63
50453	560	163.27	2.11	0.62
50454	449	138.58	2.05	0.63
50455	533	171.38	1.85	0.59
50456	523	162.42	1.85	0.57
50457	622	164.99	2.15	0.57
50458	591	162.36	2.15	0.59
50459	385	115.62	2.00	0.60
50460	455	135.82	2.09	0.62
50461	705	191.06	2.02	0.55
50462	470	151.61	1.91	0.62
n	12	12	12	12
Mean	530.5	156.977	2.027	0.602
S.D.	86.6	19.772	0.106	0.028

AB : Absolute weight, RE : Relative weight by body weight

Organ weight
Sex : Female (satellite)
Stage : Day 29
Dose : DPDME 0 mg/kg
Species : Rat

Animal No.	Body weight g	Liver AB g	Liver RE g/100g	Kidney AB g	Kidney RE g/100g	Heart AB g	Heart RE g/100g	Spleen AB mg	Spleen RE mg/100g
50551	270	7.02	2.60	1.78	0.66	0.85	0.31	434	160.74
50552	267	6.52	2.44	1.77	0.66	0.88	0.33	488	182.77
50553	277	6.77	2.44	1.66	0.60	0.96	0.35	601	216.97
50554	297	8.37	2.82	2.18	0.73	1.04	0.35	553	186.20
50555	271	6.81	2.51	1.84	0.68	0.78	0.29	405	149.45
n	5	5	5	5	5	5	5	5	5
Mean	276.4	7.098	2.562	1.846	0.666	0.902	0.326	496.2	179.226
S.D.	12.1	0.733	0.158	0.198	0.047	0.101	0.026	81.3	26.049

Animal No.	Thymus AB mg	Thymus RE mg/100g	Adrenal AB mg	Adrenal RE mg/100g	Pituitary gland AB mg	Pituitary gland RE mg/100g	Thyroid AB mg	Thyroid RE mg/100g	Ovary AB mg	Ovary RE mg/100g
50551	233	86.30	73	27.04	16.3	6.04	14.6	5.41	70	25.93
50552	316	118.35	72	26.97	18.3	6.85	16.4	6.14	91	34.08
50553	359	129.60	68	24.55	16.0	5.78	15.3	5.52	97	35.02
50554	416	140.07	88	29.63	18.9	6.36	22.0	7.41	133	44.78
50555	212	78.23	106	39.11	16.2	5.98	15.9	5.87	120	44.28
n	5	5	5	5	5	5	5	5	5	5
Mean	307.2	110.510	81.4	29.460	17.14	6.202	16.84	6.070	102.2	36.818
S.D.	85.4	27.055	15.7	5.686	1.35	0.418	2.96	0.803	24.8	7.880

Animal No.	Uterus AB mg	Uterus RE mg/100g	Brain AB g	Brain RE g/100g
50551	604	223.70	1.82	0.67
50552	990	370.79	1.90	0.71
50553	401	144.77	1.98	0.71
50554	700	235.69	2.10	0.71
50555	446	164.58	1.98	0.73
n	5	5	5	5
Mean	628.2	227.906	1.956	0.706
S.D.	235.3	88.623	0.104	0.022

AB : Absolute weight, RE : Relative weight by body weight

Organ weight
Sex : Female (satellite)
Stage : Day 29
Dose : DPDME 1000 mg/kg
Species : Rat

Animal No.	Body weight g	Liver AB g	Liver RE g/100g	Kidney AB g	Kidney RE g/100g	Heart AB g	Heart RE g/100g	Spleen AB mg	Spleen RE mg/100g
50651	268	9.21	3.44	1.98	0.74	0.93	0.35	419	156.34
50652	261	8.93	3.42	1.80	0.69	0.80	0.31	496	190.04
50653	250	8.44	3.38	1.87	0.75	0.87	0.35	462	184.80
50654	275	9.18	3.34	1.93	0.70	0.88	0.32	455	165.45
50655	265	8.81	3.32	2.02	0.76	0.89	0.34	409	154.34
n	5	5	5	5	5	5	5	5	5
Mean	263.8	8.914	3.380	1.920	0.728	0.874	0.334	448.2	170.194
S.D.	9.3	0.314	0.051	0.087	0.031	0.047	0.018	35.0	16.378

Animal No.	Thymus AB mg	Thymus RE mg/100g	Adrenal AB mg	Adrenal RE mg/100g	Pituitary gland AB mg	Pituitary gland RE mg/100g	Thyroid AB mg	Thyroid RE mg/100g	Ovary AB mg	Ovary RE mg/100g
50651	214	79.85	97	36.19	14.6	5.45	13.8	5.15	97	36.19
50652	399	152.87	83	31.80	15.7	6.02	25.3	9.69	81	31.03
50653	281	112.40	88	35.20	12.1	4.84	15.5	6.20	83	33.20
50654	236	85.82	88	32.00	13.6	4.95	15.4	5.60	113	41.09
50655	230	86.79	94	35.47	14.1	5.32	13.3	5.02	114	43.02
n	5	5	5	5	5	5	5	5	5	5
Mean	272.0	103.546	90.0	34.132	14.02	5.316	16.66	6.332	97.6	36.906
S.D.	75.2	30.281	5.5	2.071	1.33	0.467	4.93	1.933	15.8	5.091

Animal No.	Uterus AB mg	Uterus RE mg/100g	Brain AB g	Brain RE g/100g
50651	645	240.67	1.97	0.74
50652	578	221.46	1.99	0.76
50653	445	178.00	1.95	0.78
50654	456	165.82	1.92	0.70
50655	515	194.34	1.95	0.74
n	5	5	5	5
Mean	527.8	200.058	1.956	0.744
S.D.	84.3	30.817	0.026	0.030

AB : Absolute weight, RE : Relative weight by body weight

Organ weight
Sex : Male
Stage : Recovery day 15
Dose : DPDME 0 mg/kg
Species : Rat

Animal No.	Body weight g	Liver AB g	Liver RE g/100g	Kidney AB g	Kidney RE g/100g	Heart AB g	Heart RE g/100g	Spleen AB mg	Spleen RE mg/100g
10102	537	13.07	2.43	3.12	0.58	1.65	0.31	903	168.16
10103	526	12.93	2.46	3.30	0.63	1.62	0.31	910	173.00
10107	511	12.64	2.47	3.28	0.64	1.48	0.29	728	142.47
10111	501	10.11	2.02	2.82	0.56	1.37	0.27	803	160.28
10112	552	13.15	2.38	3.53	0.64	1.42	0.26	809	146.56
n	5	5	5	5	5	5	5	5	5
Mean	525.4	12.380	2.352	3.210	0.610	1.508	0.288	830.6	158.094
S.D.	20.3	1.284	0.189	0.262	0.037	0.123	0.023	76.3	13.280

Animal No.	Thymus AB mg	Thymus RE mg/100g	Adrenal AB mg	Adrenal RE mg/100g	Pituitary gland AB mg	Pituitary gland RE mg/100g	Thyroid AB mg	Thyroid RE mg/100g	Testis AB g	Testis RE g/100g
10102	203	37.80	50	9.31	14.5	2.70	23.4	4.36	3.20	0.60
10103	392	74.52	56	10.65	8.7	1.65	22.7	4.32	3.45	0.66
10107	442	86.50	48	9.39	12.3	2.41	21.9	4.29	2.97	0.58
10111	250	49.90	64	12.77	13.6	2.71	23.3	4.65	3.39	0.68
10112	348	63.04	64	11.59	12.6	2.28	22.9	4.15	4.00	0.72
n	5	5	5	5	5	5	5	5	5	5
Mean	327.0	62.352	56.4	10.742	12.34	2.350	22.84	4.354	3.402	0.648
S.D.	99.0	19.297	7.5	1.476	2.21	0.433	0.60	0.183	0.383	0.058

Animal No.	Epididymis AB g	Epididymis RE g/100g	Prostate AB mg	Prostate RE mg/100g	Seminal vesicle AB g	Seminal vesicle RE g/100g	Brain AB g	Brain RE g/100g
10102	1.46	0.27	1055	196.46	2.78	0.52	2.18	0.41
10103	1.36	0.26	1119	212.74	2.30	0.44	2.21	0.42
10107	1.38	0.27	711	139.14	1.93	0.38	2.20	0.43
10111	1.40	0.28	1023	204.19	2.75	0.55	2.17	0.43
10112	1.52	0.28	751	136.05	2.43	0.44	2.30	0.42
n	5	5	5	5	5	5	5	5
Mean	1.424	0.272	931.8	177.716	2.438	0.466	2.212	0.422
S.D.	0.065	0.008	187.1	37.091	0.351	0.068	0.052	0.008

AB : Absolute weight, RE : Relative weight by body weight

Organ weight
Sex : Male
Stage : Recovery day 15
Dose : DPDME 1000 mg/kg
Species : Rat

Animal No.	Body weight g	Liver AB g	Liver RE g/100g	Kidney AB g	Kidney RE g/100g	Heart AB g	Heart RE g/100g	Spleen AB mg	Spleen RE mg/100g
10402	519	14.22	2.74	3.56	0.69	1.64	0.32	632	121.77
10403	544	14.89	2.74	3.45	0.63	1.70	0.31	791	145.40
10404	535	13.93	2.60	3.80	0.71	1.62	0.30	751	140.37
10405	517	11.95	2.31	4.00	0.77	1.52	0.29	992	191.88
10406	562	13.86	2.47	3.34	0.59	1.64	0.29	964	171.53
n	5	5	5	5	5	5	5	5	5
Mean	535.4	13.770	2.572	3.630	0.678	1.624	0.302	826.0	154.190
S.D.	18.6	1.096	0.185	0.268	0.070	0.065	0.013	150.9	27.570

Animal No.	Thymus AB mg	Thymus RE mg/100g	Adrenal AB mg	Adrenal RE mg/100g	Pituitary gland AB mg	Pituitary gland RE mg/100g	Thyroid AB mg	Thyroid RE mg/100g	Testis AB g	Testis RE g/100g
10402	263	50.67	66	12.72	11.2	2.16	33.1	6.38	3.79	0.73
10403	328	60.29	67	12.32	12.7	2.33	25.2	4.63	3.51	0.65
10404	303	56.64	73	13.64	10.5	1.96	19.6	3.66	3.26	0.61
10405	314	60.74	76	14.70	9.6	1.86	17.7	3.42	2.79	0.54
10406	387	68.86	75	13.35	15.9	2.83	15.4	2.74	3.55	0.63
n	5	5	5	5	5	5	5	5	5	5
Mean	319.0	59.440	71.4	13.346	11.98	2.228	22.20	4.166	3.380	0.632
S.D.	45.1	6.631	4.6	0.917	2.47	0.382	7.09	1.411	0.380	0.069

Animal No.	Epididymis AB g	Epididymis RE g/100g	Prostate AB mg	Prostate RE mg/100g	Seminal vesicle AB g	Seminal vesicle RE g/100g	Brain AB g	Brain RE g/100g
10402	1.53	0.29	951	183.24	3.36	0.65	2.33	0.45
10403	1.40	0.26	859	157.90	2.30	0.42	2.17	0.40
10404	1.28	0.24	1109	207.29	2.71	0.51	2.06	0.39
10405	1.18	0.23	700	135.40	2.55	0.49	2.16	0.42
10406	1.38	0.25	1042	185.41	2.36	0.42	2.21	0.39
n	5	5	5	5	5	5	5	5
Mean	1.354	0.254	932.2	173.848	2.656	0.498	2.186	0.410
S.D.	0.132	0.023	160.4	27.717	0.425	0.094	0.098	0.025

AB : Absolute weight, RE : Relative weight by body weight

Organ weight
Sex : Female (satellite)
Stage : Recovery day 15
Dose : DPDME 0 mg/kg
Species : Rat

Animal No.	Body weight g	Liver AB g	Liver RE g/100g	Kidney AB g	Kidney RE g/100g	Heart AB g	Heart RE g/100g	Spleen AB mg	Spleen RE mg/100g
50556	278	7.91	2.85	1.79	0.64	0.98	0.35	468	168.35
50557	317	6.93	2.19	1.74	0.55	1.01	0.32	576	181.70
50558	318	7.89	2.48	1.94	0.61	0.89	0.28	615	193.40
50559	297	7.33	2.47	1.81	0.61	0.97	0.33	502	169.02
50560	264	6.41	2.43	1.93	0.73	0.83	0.31	408	154.55
n	5	5	5	5	5	5	5	5	5
Mean	294.8	7.294	2.484	1.842	0.628	0.936	0.318	513.8	173.404
S.D.	23.8	0.642	0.236	0.089	0.066	0.074	0.026	83.0	14.739

Animal No.	Thymus AB mg	Thymus RE mg/100g	Adrenal AB mg	Adrenal RE mg/100g	Pituitary gland AB mg	Pituitary gland RE mg/100g	Thyroid AB mg	Thyroid RE mg/100g	Ovary AB mg	Ovary RE mg/100g
50556	199	71.58	60	21.58	17.7	6.37	15.3	5.50	84	30.22
50557	376	118.61	85	26.81	13.8	4.35	27.2	8.58	94	29.65
50558	395	124.21	77	24.21	24.3	7.64	15.2	4.78	101	31.76
50559	282	94.95	67	22.56	15.1	5.08	15.1	5.08	129	43.43
50560	228	86.36	91	34.47	16.9	6.40	13.2	5.00	102	38.64
n	5	5	5	5	5	5	5	5	5	5
Mean	296.0	99.142	76.0	25.926	17.56	5.968	17.20	5.788	102.0	34.740
S.D.	87.2	22.068	12.7	5.171	4.06	1.280	5.66	1.582	16.7	6.040

Animal No.	Uterus AB mg	Uterus RE mg/100g	Brain AB g	Brain RE g/100g
50556	930	334.53	1.91	0.69
50557	763	240.69	2.06	0.65
50558	582	183.02	2.12	0.67
50559	494	166.33	2.05	0.69
50560	634	240.15	1.96	0.74
n	5	5	5	5
Mean	680.6	232.944	2.020	0.688
S.D.	170.1	65.881	0.084	0.033

AB : Absolute weight, RE : Relative weight by body weight

Organ weight
Sex : Female (satellite)
Stage : Recovery day 15
Dose : DPDME 1000 mg/kg
Species : Rat

Animal No.	Body weight g	Liver AB g	Liver RE g/100g	Kidney AB g	Kidney RE g/100g	Heart AB g	Heart RE g/100g	Spleen AB mg	Spleen RE mg/100g
50656	280	7.15	2.55	2.00	0.71	0.96	0.34	544	194.29
50657	279	7.94	2.85	1.83	0.66	0.89	0.32	465	166.67
50658	318	7.94	2.50	2.13	0.67	0.97	0.31	567	178.30
50659	285	8.97	3.15	1.94	0.68	0.98	0.34	550	192.98
50660	336	8.48	2.52	2.41	0.72	1.00	0.30	663	197.32
n	5	5	5	5	5	5	5	5	5
Mean	299.6	8.096	2.714	2.062	0.688	0.960	0.322	557.8	185.912
S.D.	25.9	0.681	0.282	0.223	0.026	0.042	0.018	70.7	13.024

Animal No.	Thymus AB mg	Thymus RE mg/100g	Adrenal AB mg	Adrenal RE mg/100g	Pituitary gland AB mg	Pituitary gland RE mg/100g	Thyroid AB mg	Thyroid RE mg/100g	Ovary AB mg	Ovary RE mg/100g
50656	270	96.43	83	29.64	12.5	4.46	18.9	6.75	106	37.86
50657	313	112.19	90	32.26	15.5	5.56	15.8	5.66	94	33.69
50658	376	118.24	61	19.18	16.3	5.13	14.2	4.47	94	29.56
50659	279	97.89	93	32.63	14.4	5.05	20.1	7.05	127	44.56
50660	310	92.26	91	27.08	19.4	5.77	25.1	7.47	105	31.25
n	5	5	5	5	5	5	5	5	5	5
Mean	309.6	103.402	83.6	28.158	15.62	5.194	18.82	6.280	105.2	35.384
S.D.	41.6	11.186	13.2	5.495	2.55	0.507	4.23	1.214	13.5	6.004

Animal No.	Uterus AB mg	Uterus RE mg/100g	Brain AB g	Brain RE g/100g
50656	482	172.14	2.14	0.76
50657	728	260.93	1.98	0.71
50658	782	245.91	2.05	0.64
50659	659	231.23	2.12	0.74
50660	554	164.88	2.16	0.64
n	5	5	5	5
Mean	641.0	215.018	2.090	0.698
S.D.	123.1	43.810	0.074	0.056

AB : Absolute weight, RE : Relative weight by body weight

Histopathological findings
Sex : Male Stage : Day 29 Species : Rat

Test article : DPDME Dose : 0 mg/kg Animal No. : 10101 Infertility

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Kidney, Urinary bladder, Testis, Epididymis, Prostate, Seminal vesicle, Coagulating gland, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Thyroid, Parathyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Test article : DPDME Dose : 0 mg/kg Animal No. : 10104

Kidney
Findings : Finding present
Infiltration, inflammatory cell, cortex
Slight
Finding Comment : unilateral : right

Epididymis
Findings : Finding present
Granuloma, spermatic
Mild
Finding Comment : unilateral : right, corpus

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Urinary bladder, Testis, Prostate, Seminal vesicle, Coagulating gland, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Thyroid, Parathyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Histopathological findings
Sex : Male Stage : Day 29 Species : Rat

Test article : DPDME Dose : 0 mg/kg Animal No. : 10105

Pancreas
Findings : Finding present
Intracytoplasmic vacuolization, with intraluminal globules, hypereosinophilic/basophilic, acinar cell
Mild

Kidney
Findings : Finding present
Basophilic change, renal tubule, focal
Slight
Finding Comment : unilateral : right

Thymus
Findings : Finding present
Remnant, epithelial cell
Slight

Pituitary gland
Findings : Finding present
Remnant, craniopharyngeal duct
Mild

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Liver, Heart, Urinary bladder, Testis, Epididymis, Prostate, Seminal vesicle, Coagulating gland, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Thyroid, Parathyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Test article : DPDME Dose : 0 mg/kg Animal No. : 10106

Harderian gland
Findings : Finding present
Infiltration, inflammatory cell, focal
Slight
Finding Comment : unilateral : right

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Kidney, Urinary bladder, Testis, Epididymis, Prostate, Seminal vesicle, Coagulating gland, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Thyroid, Parathyroid, Adrenal, Eyeball, Skeletal muscle, Femur, Mammary gland

Histopathological findings
Sex : Male Stage : Day 29 Species : Rat

Test article : DPDME Dose : 0 mg/kg Animal No. : 10108

Thyroid
Findings : Finding present
Remnant, ultimobranchial body
Slight
Finding Comment : unilateral : left

Parathyroid
Findings : Finding absent
Animal Comment : left parathyroid : missing

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Kidney, Urinary bladder, Testis, Epididymis, Prostate, Seminal vesicle, Coagulating gland, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Test article : DPDME Dose : 0 mg/kg Animal No. : 10109

Thyroid
Findings : Finding present
Remnant, ultimobranchial body
Slight
Finding Comment : unilateral : left

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Kidney, Urinary bladder, Testis, Epididymis, Prostate, Seminal vesicle, Coagulating gland, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Parathyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Test article : DPDME Dose : 0 mg/kg Animal No. : 10110

Thyroid
Findings : Finding present
Remnant, ultimobranchial body
Slight
Finding Comment : unilateral : left

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Kidney, Urinary bladder, Testis, Epididymis, Prostate, Seminal vesicle, Coagulating gland, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Parathyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Histopathological findings
Sex : Male Stage : Day 29 Species : Rat

Test article : DPDME Dose : 40 mg/kg Animal No. : 10201

Kidney
Findings : Finding present
Infarct
Slight
Finding Comment : unilateral : right

Test article : DPDME Dose : 40 mg/kg Animal No. : 10202
Finding absent : Kidney

Test article : DPDME Dose : 40 mg/kg Animal No. : 10203
Finding absent : Kidney

Test article : DPDME Dose : 40 mg/kg Animal No. : 10204
Finding absent : Kidney

Test article : DPDME Dose : 40 mg/kg Animal No. : 10205
Finding absent : Kidney

Test article : DPDME Dose : 40 mg/kg Animal No. : 10206
Finding absent : Kidney

Test article : DPDME Dose : 40 mg/kg Animal No. : 10207
Finding absent : Kidney

Test article : DPDME Dose : 40 mg/kg Animal No. : 10208
Finding absent : Kidney

Test article : DPDME Dose : 40 mg/kg Animal No. : 10209
Finding absent : Kidney

Test article : DPDME Dose : 40 mg/kg Animal No. : 10210

Epididymis
Findings : Finding present
Granuloma, spermatic
Mild
Finding Comment : unilateral : right, cauda

Finding absent : Kidney

Test article : DPDME Dose : 40 mg/kg Animal No. : 10211
Finding absent : Kidney

Test article : DPDME Dose : 40 mg/kg Animal No. : 10212
Finding absent : Kidney

Histopathological findings
Sex : Male Stage : Day 29 Species : Rat

Test article : DPDME Dose : 200 mg/kg Animal No. : 10301
Finding absent : Kidney

Test article : DPDME Dose : 200 mg/kg Animal No. : 10302
Finding absent : Kidney

Test article : DPDME Dose : 200 mg/kg Animal No. : 10303
Kidney
Findings : Finding present
Eosinophilic body, proximal tubular epithelium
Slight
Finding Comment : bilateral
Infiltration, inflammatory cell, cortex
Slight
Finding Comment : unilateral : left

Test article : DPDME Dose : 200 mg/kg Animal No. : 10304
Finding absent : Kidney

Test article : DPDME Dose : 200 mg/kg Animal No. : 10305
Finding absent : Kidney

Test article : DPDME Dose : 200 mg/kg Animal No. : 10306
Finding absent : Kidney

Test article : DPDME Dose : 200 mg/kg Animal No. : 10307
Finding absent : Kidney

Test article : DPDME Dose : 200 mg/kg Animal No. : 10308
Finding absent : Kidney

Test article : DPDME Dose : 200 mg/kg Animal No. : 10309
Kidney
Findings : Finding present
Infiltration, inflammatory cell, cortex
Slight
Finding Comment : unilateral : right

Test article : DPDME Dose : 200 mg/kg Animal No. : 10310
Finding absent : Kidney

Test article : DPDME Dose : 200 mg/kg Animal No. : 10311
Finding absent : Kidney

Test article : DPDME Dose : 200 mg/kg Animal No. : 10312
Finding absent : Kidney

Histopathological findings
Sex : Male Stage : Day 29 Species : Rat

Test article : DPDME Dose : 1000 mg/kg Animal No. : 10401

Lung
Findings : Finding present
Accumulation, macrophage, alveolar
Slight

Heart
Findings : Finding present
Infiltration, inflammatory cell, focal
Slight

Kidney
Findings : Finding present
Eosinophilic body, proximal tubular epithelium
Mild
Finding Comment : bilateral : Eosinophilic bodies were positive for anti-Alpha-2u-globulin antibody.

Adrenal
Findings : Finding present
Vacuolation, cortical cell, zona fasciculata
Mild
Finding Comment : bilateral

Harderian gland
Findings : Finding present
Infiltration, inflammatory cell, focal
Slight
Finding Comment : unilateral : right

Finding absent : Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Urinary bladder, Testis, Epididymis, Prostate, Seminal vesicle, Coagulating gland, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Thyroid, Parathyroid, Eyeball, Skeletal muscle, Femur, Mammary gland

Histopathological findings
Sex : Male Stage : Day 29 Species : Rat

Test article : DPDME Dose : 1000 mg/kg Animal No. : 10407

Kidney
Findings : Finding present
Eosinophilic body, proximal tubular epithelium
Slight
Finding Comment : bilateral : Eosinophilic bodies were positive for anti-Alpha-2u-globulin antibody.
Infiltration, inflammatory cell, renal pelvic mucosa
Slight
Finding Comment : unilateral : right

Testis
Findings : Finding present
Degeneration, seminiferous tubule
Slight
Finding Comment : unilateral : right

Epididymis
Findings : Finding present
Cell debris, lumen
Slight
Finding Comment : bilateral

Thyroid
Findings : Finding present
Remnant, ultimobranchial body
Slight
Finding Comment : unilateral : right

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Urinary bladder, Prostate, Seminal vesicle, Coagulating gland, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Parathyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Test article : DPDME Dose : 1000 mg/kg Animal No. : 10408

Kidney
Findings : Finding present
Eosinophilic body, proximal tubular epithelium
Moderate
Finding Comment : bilateral : Eosinophilic bodies were positive for anti-Alpha-2u-globulin antibody.

Prostate
Findings : Finding present
Inflammation, interstitium
Mild

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Urinary bladder, Testis, Epididymis, Seminal vesicle, Coagulating gland, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Thyroid, Parathyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Histopathological findings
Sex : Male Stage : Day 29 Species : Rat

Test article : DPDME Dose : 1000 mg/kg Animal No. : 10409

Lung
Findings : Finding present
Accumulation, macrophage, alveolar
Slight

Prostate
Findings : Finding present
Inflammation, interstitium
Mild

Parathyroid
Findings : Finding absent
Animal Comment : right parathyroid : missing

Finding absent : Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Kidney, Urinary bladder, Testis, Epididymis, Seminal vesicle, Coagulating gland, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Thyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Test article : DPDME Dose : 1000 mg/kg Animal No. : 10410

Kidney
Findings : Finding present
Eosinophilic body, proximal tubular epithelium
Slight
Finding Comment : bilateral : Eosinophilic bodies were positive for anti-Alpha-2u-globulin antibody.

Thyroid
Findings : Finding present
Remnant, ultimobranchial body
Slight
Finding Comment : unilateral : right

Parathyroid
Findings : Finding absent
Animal Comment : right parathyroid : missing

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Urinary bladder, Testis, Epididymis, Prostate, Seminal vesicle, Coagulating gland, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Histopathological findings
Sex : Male Stage : Day 29 Species : Rat

Test article : DPDME Dose : 1000 mg/kg Animal No. : 10411

Kidney
Findings : Finding present
Eosinophilic body, proximal tubular epithelium
Slight
Finding Comment : bilateral : Eosinophilic bodies were positive for anti-Alpha-2u-globulin antibody.

Parathyroid
Findings : Finding absent
Animal Comment : left parathyroid : missing

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Urinary bladder, Testis, Epididymis, Prostate, Seminal vesicle, Coagulating gland, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Thyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Test article : DPDME Dose : 1000 mg/kg Animal No. : 10412

Kidney
Findings : Finding present
Eosinophilic body, proximal tubular epithelium
Mild
Finding Comment : bilateral : Eosinophilic bodies were positive for anti-Alpha-2u-globulin antibody.
Basophilic change, renal tubule, focal
Mild
Finding Comment : bilateral

Harderian gland
Findings : Finding present
Infiltration, inflammatory cell, focal
Slight
Finding Comment : bilateral

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Urinary bladder, Testis, Epididymis, Prostate, Seminal vesicle, Coagulating gland, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Thyroid, Parathyroid, Adrenal, Eyeball, Skeletal muscle, Femur, Mammary gland

Histopathological findings
Sex : Female Stage : Day 14 after parturition Species : Rat

Test article : DPDME Dose : 0 mg/kg Animal No. : 50151 Non-pregnancy

Thyroid
Findings : Finding present
Remnant, ultimobranchial body
Slight
Finding Comment : unilateral : right

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Kidney, Urinary bladder, Ovary, Uterine horn, Uterine cervix, Vagina, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Parathyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Test article : DPDME Dose : 0 mg/kg Animal No. : 50152

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Kidney, Urinary bladder, Ovary, Uterine horn, Uterine cervix, Vagina, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Thyroid, Parathyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Test article : DPDME Dose : 0 mg/kg Animal No. : 50153

Thymus
Findings : Finding present
Remnant, epithelial cell
Slight

Thyroid
Findings : Finding present
Remnant, ultimobranchial body
Slight
Finding Comment : unilateral : left

Parathyroid
Findings : Finding absent
Animal Comment : right parathyroid : missing

Eyeball
Findings : Finding present
Dysplasia, retina
Slight
Finding Comment : unilateral : right

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Kidney, Urinary bladder, Ovary, Uterine horn, Uterine cervix, Vagina, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Adrenal, Harderian gland, Skeletal muscle, Femur, Mammary gland

Histopathological findings
Sex : Female Stage : Day 14 after parturition Species : Rat

Test article : DPDME Dose : 0 mg/kg Animal No. : 50154

Thyroid
Findings : Finding present
Remnant, ultimobranchial body
Slight
Finding Comment : unilateral : right

Parathyroid
Findings : Finding absent
Animal Comment : right parathyroid : missing

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Kidney, Urinary bladder, Ovary, Uterine horn, Uterine cervix, Vagina, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Test article : DPDME Dose : 0 mg/kg Animal No. : 50155

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Kidney, Urinary bladder, Ovary, Uterine horn, Uterine cervix, Vagina, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Thyroid, Parathyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Test article : DPDME Dose : 0 mg/kg Animal No. : 50156

Thymus
Findings : Finding present
Remnant, epithelial cell
Slight

Thyroid
Findings : Finding present
Remnant, ultimobranchial body
Slight
Finding Comment : unilateral : right

Adrenal
Findings : Finding present
Hyperplasia, cortex, focal
Slight
Finding Comment : unilateral : right

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Kidney, Urinary bladder, Ovary, Uterine horn, Uterine cervix, Vagina, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Parathyroid, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Histopathological findings
Sex : Female Stage : Day 14 after parturition Species : Rat

Test article : DPDME Dose : 0 mg/kg Animal No. : 50157

Kidney
Findings : Finding present
Basophilic change, renal tubule, focal
Slight
Finding Comment : unilateral : right

Thymus
Findings : Finding present
Remnant, epithelial cell
Slight

Parathyroid
Findings : Finding absent
Animal Comment : right parathyroid : missing

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Urinary bladder, Ovary, Uterine horn, Uterine cervix, Vagina, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Thyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Test article : DPDME Dose : 0 mg/kg Animal No. : 50158

Thyroid
Findings : Finding present
Remnant, ultimobranchial body
Slight
Finding Comment : unilateral : left

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Kidney, Urinary bladder, Ovary, Uterine horn, Uterine cervix, Vagina, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Parathyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Test article : DPDME Dose : 0 mg/kg Animal No. : 50159

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Kidney, Urinary bladder, Ovary, Uterine horn, Uterine cervix, Vagina, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Thyroid, Parathyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Histopathological findings
Sex : Female Stage : Day 14 after parturition Species : Rat

Test article : DPDME Dose : 0 mg/kg Animal No. : 50160

Thyroid
Findings : Finding present
Remnant, ultimobranchial body
Slight
Finding Comment : unilateral : right

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Kidney, Urinary bladder, Ovary, Uterine horn, Uterine cervix, Vagina, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Parathyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Test article : DPDME Dose : 0 mg/kg Animal No. : 50161

Lung
Findings : Finding present
Accumulation, macrophage, alveolar
Slight

Finding absent : Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Kidney, Urinary bladder, Ovary, Uterine horn, Uterine cervix, Vagina, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Thyroid, Parathyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Test article : DPDME Dose : 0 mg/kg Animal No. : 50162

Thyroid
Findings : Finding present
Remnant, ultimobranchial body
Slight
Finding Comment : unilateral : right

Parathyroid
Findings : Finding absent
Animal Comment : right parathyroid : missing

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Kidney, Urinary bladder, Ovary, Uterine horn, Uterine cervix, Vagina, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Histopathological findings
Sex : Female Stage : Day 14 after parturition Species : Rat

Test article : DPDME	Dose : 40 mg/kg	Animal No. : 50251
Finding absent :	Liver	
Test article : DPDME	Dose : 40 mg/kg	Animal No. : 50252
Finding absent :	Liver	
Test article : DPDME	Dose : 40 mg/kg	Animal No. : 50253
Finding absent :	Liver	
Test article : DPDME	Dose : 40 mg/kg	Animal No. : 50254
Finding absent :	Liver	
Test article : DPDME	Dose : 40 mg/kg	Animal No. : 50255
Finding absent :	Liver	
Test article : DPDME	Dose : 40 mg/kg	Animal No. : 50256
Finding absent :	Liver	
Test article : DPDME	Dose : 40 mg/kg	Animal No. : 50257
Finding absent :	Liver	
Test article : DPDME	Dose : 40 mg/kg	Animal No. : 50258
Finding absent :	Liver	
Test article : DPDME	Dose : 40 mg/kg	Animal No. : 50259
Finding absent :	Liver	
Test article : DPDME	Dose : 40 mg/kg	Animal No. : 50260
Finding absent :	Liver	
Test article : DPDME	Dose : 40 mg/kg	Animal No. : 50261
Finding absent :	Liver	
Test article : DPDME	Dose : 40 mg/kg	Animal No. : 50262
Finding absent :	Liver	

Histopathological findings
Sex : Female Stage : Day 14 after parturition Species : Rat

Test article : DPDME	Dose : 200 mg/kg	Animal No. : 50351
Finding absent :	Liver	
Test article : DPDME	Dose : 200 mg/kg	Animal No. : 50352
Finding absent :	Liver	
Test article : DPDME	Dose : 200 mg/kg	Animal No. : 50353
Finding absent :	Liver	
Test article : DPDME	Dose : 200 mg/kg	Animal No. : 50354
Finding absent :	Liver	
Test article : DPDME	Dose : 200 mg/kg	Animal No. : 50355
Finding absent :	Liver	
Test article : DPDME	Dose : 200 mg/kg	Animal No. : 50356
Finding absent :	Liver	
Test article : DPDME	Dose : 200 mg/kg	Animal No. : 50357
Finding absent :	Liver	
Test article : DPDME	Dose : 200 mg/kg	Animal No. : 50358
Finding absent :	Liver	
Test article : DPDME	Dose : 200 mg/kg	Animal No. : 50359
Finding absent :	Liver	
Test article : DPDME	Dose : 200 mg/kg	Animal No. : 50360
Finding absent :	Liver	
Test article : DPDME	Dose : 200 mg/kg	Animal No. : 50361
Finding absent :	Liver	
Test article : DPDME	Dose : 200 mg/kg	Animal No. : 50362
Finding absent :	Liver	

Histopathological findings
Sex : Female Stage : Day 14 after parturition Species : Rat

Test article : DPDME Dose : 1000 mg/kg Animal No. : 50451

Liver
Findings : Finding present
Hypertrophy, hepatocyte, centrilobular
Slight

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Heart, Kidney, Urinary bladder, Ovary, Uterine horn, Uterine cervix, Vagina, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Thyroid, Parathyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Test article : DPDME Dose : 1000 mg/kg Animal No. : 50452

Liver
Findings : Finding present
Hypertrophy, hepatocyte, centrilobular
Slight

Parathyroid
Findings : Finding absent
Animal Comment : left parathyroid : missing

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Heart, Kidney, Urinary bladder, Ovary, Uterine horn, Uterine cervix, Vagina, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Thyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Test article : DPDME Dose : 1000 mg/kg Animal No. : 50453

Stomach
Findings : Finding present
Erosion, glandular stomach
Slight

Liver
Findings : Finding present
Hypertrophy, hepatocyte, centrilobular
Slight

Parathyroid
Findings : Finding absent
Animal Comment : left parathyroid : missing

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Heart, Kidney, Urinary bladder, Ovary, Uterine horn, Uterine cervix, Vagina, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Thyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Histopathological findings
Sex : Female Stage : Day 14 after parturition Species : Rat

Test article : DPDME Dose : 1000 mg/kg Animal No. : 50454

Liver
Findings : Finding present
Hypertrophy, hepatocyte, centrilobular
Slight

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Heart, Kidney, Urinary bladder, Ovary, Uterine horn, Uterine cervix, Vagina, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Thyroid, Parathyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Test article : DPDME Dose : 1000 mg/kg Animal No. : 50455

Thymus
Findings : Finding present
Remnant, epithelial cell
Slight

Parathyroid
Findings : Finding absent
Animal Comment : left parathyroid : missing

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Kidney, Urinary bladder, Ovary, Uterine horn, Uterine cervix, Vagina, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Thyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Test article : DPDME Dose : 1000 mg/kg Animal No. : 50456

Liver
Findings : Finding present
Hypertrophy, hepatocyte, centrilobular
Slight

Mesenteric lymph node
Findings : Finding present
Hyperplasia, macrophage
Slight

Parathyroid
Findings : Finding absent
Animal Comment : right parathyroid : missing

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Heart, Kidney, Urinary bladder, Ovary, Uterine horn, Uterine cervix, Vagina, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Peyer's patch, Pituitary gland, Thyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Histopathological findings
Sex : Female Stage : Day 14 after parturition Species : Rat

Test article : DPDME Dose : 1000 mg/kg Animal No. : 50457

Liver
Findings : Finding present
Hypertrophy, hepatocyte, centrilobular
Slight

Thyroid
Findings : Finding present
Remnant, ultimobranchial body
Slight
Finding Comment : unilateral : left

Parathyroid
Findings : Finding absent
Animal Comment : left parathyroid : missing

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Heart, Kidney, Urinary bladder, Ovary, Uterine horn, Uterine cervix, Vagina, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Test article : DPDME Dose : 1000 mg/kg Animal No. : 50458

Liver
Findings : Finding present
Hypertrophy, hepatocyte, centrilobular
Slight

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Heart, Kidney, Urinary bladder, Ovary, Uterine horn, Uterine cervix, Vagina, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Thyroid, Parathyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Test article : DPDME Dose : 1000 mg/kg Animal No. : 50459

Liver
Findings : Finding present
Hypertrophy, hepatocyte, centrilobular
Slight

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Heart, Kidney, Urinary bladder, Ovary, Uterine horn, Uterine cervix, Vagina, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Thyroid, Parathyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Histopathological findings
Sex : Female Stage : Day 14 after parturition Species : Rat

Test article : DPDME Dose : 1000 mg/kg Animal No. : 50460

Parathyroid
Findings : Finding absent
Animal Comment : right parathyroid : missing

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Kidney, Urinary bladder, Ovary, Uterine horn, Uterine cervix, Vagina, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Thyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Test article : DPDME Dose : 1000 mg/kg Animal No. : 50461

Liver
Findings : Finding present
Hypertrophy, hepatocyte, centrilobular
Slight

Thyroid
Findings : Finding present
Remnant, ultimobranchial body
Slight
Finding Comment : unilateral : left

Parathyroid
Findings : Finding absent
Animal Comment : left parathyroid : missing

Eyeball
Findings : Finding present
Dysplasia, retina
Slight
Finding Comment : unilateral : right

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Heart, Kidney, Urinary bladder, Ovary, Uterine horn, Uterine cervix, Vagina, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Adrenal, Harderian gland, Skeletal muscle, Femur, Mammary gland

Test article : DPDME Dose : 1000 mg/kg Animal No. : 50462

Liver
Findings : Finding present
Hypertrophy, hepatocyte, centrilobular
Slight

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Heart, Kidney, Urinary bladder, Ovary, Uterine horn, Uterine cervix, Vagina, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Thyroid, Parathyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Histopathological findings
Sex : Female (satellite) Stage : Day 29 Species : Rat

Test article : DPDME Dose : 0 mg/kg Animal No. : 50551

Ovary
Findings : Finding present
Cyst, lutein
Slight
Finding Comment : unilateral : right

Thymus
Findings : Finding present
Remnant, epithelial cell
Slight

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Kidney, Urinary bladder, Uterine horn, Uterine cervix, Vagina, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Thyroid, Parathyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Test article : DPDME Dose : 0 mg/kg Animal No. : 50552

Thymus
Findings : Finding present
Remnant, epithelial cell
Slight

Thyroid
Findings : Finding present
Remnant, ultimobranchial body
Slight
Finding Comment : unilateral : right

Parathyroid
Findings : Finding absent
Animal Comment : left parathyroid : missing

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Kidney, Urinary bladder, Ovary, Uterine horn, Uterine cervix, Vagina, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Histopathological findings
Sex : Female (satellite) Stage : Day 29 Species : Rat

Test article : DPDME Dose : 0 mg/kg Animal No. : 50553

Thyroid
Findings : Finding present
Remnant, ultimobranchial body
Slight
Finding Comment : unilateral : right

Parathyroid
Findings : Finding absent
Animal Comment : right parathyroid : missing

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Kidney, Urinary bladder, Ovary, Uterine horn, Uterine cervix, Vagina, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Test article : DPDME Dose : 0 mg/kg Animal No. : 50554

Kidney
Findings : Finding present
Infiltration, inflammatory cell, renal pelvic mucosa
Slight
Finding Comment : unilateral : left

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Urinary bladder, Ovary, Uterine horn, Uterine cervix, Vagina, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Thyroid, Parathyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Test article : DPDME Dose : 0 mg/kg Animal No. : 50555

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Kidney, Urinary bladder, Ovary, Uterine horn, Uterine cervix, Vagina, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Thyroid, Parathyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Histopathological findings
Sex : Female (satellite) Stage : Day 29 Species : Rat

Test article : DPDME Dose : 1000 mg/kg Animal No. : 50651

Liver
Findings : Finding present
Hypertrophy, hepatocyte, centrilobular
Slight

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Heart, Kidney, Urinary bladder, Ovary, Uterine horn, Uterine cervix, Vagina, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Thyroid, Parathyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Test article : DPDME Dose : 1000 mg/kg Animal No. : 50652

Thymus
Findings : Finding present
Remnant, epithelial cell
Slight

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Liver, Heart, Kidney, Urinary bladder, Ovary, Uterine horn, Uterine cervix, Vagina, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Thyroid, Parathyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Test article : DPDME Dose : 1000 mg/kg Animal No. : 50653

Liver
Findings : Finding present
Hypertrophy, hepatocyte, centrilobular
Slight

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Heart, Kidney, Urinary bladder, Ovary, Uterine horn, Uterine cervix, Vagina, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Thymus, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Thyroid, Parathyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Histopathological findings
Sex : Female (satellite) Stage : Day 29 Species : Rat

Test article : DPDME Dose : 1000 mg/kg Animal No. : 50654

Liver
Findings : Finding present
Hypertrophy, hepatocyte, centrilobular
Slight

Thymus
Findings : Finding present
Remnant, epithelial cell
Slight

Thyroid
Findings : Finding present
Remnant, ultimobranchial body
Slight
Finding Comment : unilateral : right

Eyeball
Findings : Finding present
Dysplasia, retina
Slight
Finding Comment : bilateral

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Pancreas, Heart, Kidney, Urinary bladder, Ovary, Uterine horn, Uterine cervix, Vagina, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Parathyroid, Adrenal, Harderian gland, Skeletal muscle, Femur, Mammary gland

Test article : DPDME Dose : 1000 mg/kg Animal No. : 50655

Pancreas
Findings : Finding present
Atrophy, acinar cell, focal
Slight

Liver
Findings : Finding present
Hypertrophy, hepatocyte, centrilobular
Slight

Thymus
Findings : Finding present
Remnant, epithelial cell
Slight

Finding absent : Lung, Bronchus, Trachea, Submandibular gland, Esophagus, Stomach, Duodenum, Jejunum, Ileum, Cecum, Colon, Rectum, Heart, Kidney, Urinary bladder, Ovary, Uterine horn, Uterine cervix, Vagina, Cerebrum, Cerebellum, Pons, Spinal cord, Sciatic nerve, Spleen, Bone marrow, femur, Submandibular lymph node, Mesenteric lymph node, Peyer's patch, Pituitary gland, Thyroid, Parathyroid, Adrenal, Eyeball, Harderian gland, Skeletal muscle, Femur, Mammary gland

Histopathological findings
Sex : Male Stage : Recovery day 15 Species : Rat

Test article : DPDME	Dose : 0 mg/kg	Animal No. : 10102
Finding absent :	Kidney	

Test article : DPDME	Dose : 0 mg/kg	Animal No. : 10103
Finding absent :	Kidney	

Test article : DPDME	Dose : 0 mg/kg	Animal No. : 10107
Finding absent :	Kidney	

Test article : DPDME	Dose : 0 mg/kg	Animal No. : 10111
Finding absent :	Kidney	

Test article : DPDME	Dose : 0 mg/kg	Animal No. : 10112
Finding absent :	Kidney	

Histopathological findings
Sex : Male Stage : Recovery day 15 Species : Rat

Test article : DPDME Dose : 1000 mg/kg Animal No. : 10402
Finding absent : Kidney

Test article : DPDME Dose : 1000 mg/kg Animal No. : 10403
Kidney
Findings : Finding present
Basophilic change, renal tubule, focal
Slight
Finding Comment : unilateral : right

Test article : DPDME Dose : 1000 mg/kg Animal No. : 10404
Kidney
Findings : Finding present
Dilatation, renal tubule
Slight
Finding Comment : unilateral : left
Basophilic change, renal tubule, focal
Slight
Finding Comment : unilateral : right

Test article : DPDME Dose : 1000 mg/kg Animal No. : 10405
Finding absent : Kidney

Test article : DPDME Dose : 1000 mg/kg Animal No. : 10406
Finding absent : Kidney

Estrous cycles and copulation

Generation : F0 Dose : DPDME 0 mg/kg Species : Rat

Animal No.	/Before mating (day) 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Length of estrous cycle (days)			Mean	Number of estrus	Animal with acyclic or irregular cycle
50151	P	E	M	D	P	E	M	D	P	E	M	D	P	E	4	4	4	4.0	4	-
50152	E	M	D	P	E	M	D	P	E	M	D	P	E	M	4	4	4	4.0	4	-
50153	E	M	D	P	E	M	D	P	E	M	D	P	E	M	4	4	4	4.0	4	-
50154	M	D	P	E	M	D	P	E	M	D	P	E	M	D	4	4		4.0	3	-
50155	M	D	P	E	M	D	P	E	M	D	P	E	M	D	4	4		4.0	3	-
50156	D	D	D	P	E	M	D	P	E	M	D	P	E	M	4	4		4.0	3	-
50157	P	E	M	D	P	E	M	D	P	E	M	D	P	E	4	4	4	4.0	4	-
50158	M	D	P	E	M	D	P	E	M	D	P	E	M	D	4	4		4.0	3	-
50159	D	P	E	M	D	P	E	M	D	P	E	M	D	P	4	4		4.0	3	-
50160	M	D	P	E	M	D	P	E	M	D	P	E	M	D	4	4		4.0	3	-
50161	D	P	E	M	D	P	E	M	D	P	E	M	D	P	4	4		4.0	3	-
50162	E	M	D	P	E	M	D	P	E	M	D	P	E	M	4	4	4	4.0	4	-

P : Proestrus, E : Estrus, M : Metestrus, D : Diestrus

+ : Animal with acyclic or irregular cycle, - : Animal with normal and regular cycle

Estrous cycles and copulation

Generation : F0 Dose : DPDME 40 mg/kg Species : Rat

Animal No.	/Before mating (day) 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Length of estrous cycle (days)			Mean	Number of estrus	Animal with acyclic or irregular cycle
50251	E	M	D	P	E	M	D	P	E	M	D	P	E	M	4	4	4	4.0	4	-
50252	E	M	D	P	E	M	D	P	E	M	D	P	E	M	4	4	4	4.0	4	-
50253	D	P	E	M	D	P	E	M	D	P	E	M	D	P	4	4		4.0	3	-
50254	E	M	D	P	E	M	D	P	E	M	D	P	E	M	4	4	4	4.0	4	-
50255	P	E	M	D	P	E	M	D	P	E	M	D	P	E	4	4	4	4.0	4	-
50256	D	P	E	M	D	P	E	M	D	P	E	M	D	P	4	4		4.0	3	-
50257	D	P	E	M	D	P	E	M	D	P	E	M	D	P	4	4		4.0	3	-
50258	M	D	P	E	M	D	P	E	M	D	P	E	M	D	4	4		4.0	3	-
50259	D	P	E	M	D	P	E	M	D	P	E	M	D	P	4	4		4.0	3	-
50260	P	E	M	D	P	E	M	D	P	E	M	D	E	M	4	4	3	3.7	4	+
50261	E	M	D	P	E	M	D	D	P	E	M	D	P	P	4	5		4.5	3	-
50262	D	P	E	M	D	P	E	M	D	P	E	M	D	P	4	4		4.0	3	-

P : Proestrus, E : Estrus, M : Metestrus, D : Diestrus

+ : Animal with acyclic or irregular cycle, - : Animal with normal and regular cycle

Estrous cycles and copulation

Generation : F0 Dose : DPDME 200 mg/kg Species : Rat

Animal No.	/Before mating (day) 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Length of estrous cycle (days)			Mean	Number of estrus	Animal with acyclic or irregular cycle
50351	E	M	D	D	P	E	M	D	D	P	E	M	D	D	5	5		5.0	3	-
50352	E	M	D	P	E	M	D	P	E	M	D	P	E	M	4	4	4	4.0	4	-
50353	M	D	P	E	M	D	P	E	M	D	P	E	M	D	4	4		4.0	3	-
50354	M	D	P	E	M	D	P	E	M	D	P	E	M	D	4	4		4.0	3	-
50355	E	M	D	P	E	M	D	P	E	M	D	P	E	M	4	4	4	4.0	4	-
50356	P	E	M	D	P	E	M	D	P	E	M	D	D	P	4	4		4.0	3	-
50357	E	M	D	P	E	M	D	P	E	M	D	P	E	M	4	4	4	4.0	4	-
50358	M	D	P	E	M	D	P	E	M	D	P	E	M	D	4	4		4.0	3	-
50359	D	P	E	M	D	P	E	M	D	P	E	M	D	P	4	4		4.0	3	-
50360	M	D	P	E	M	D	P	E	M	D	P	E	M	D	4	4		4.0	3	-
50361	D	P	E	M	D	P	E	M	D	P	E	M	D	P	4	4		4.0	3	-
50362	E	M	D	P	E	M	D	P	E	M	D	P	E	M	4	4	4	4.0	4	-

P : Proestrus, E : Estrus, M : Metestrus, D : Diestrus

+ : Animal with acyclic or irregular cycle, - : Animal with normal and regular cycle

Estrous cycles and copulation

Generation : F0 Dose : DPDME 1000 mg/kg Species : Rat

Animal No.	/Before mating (day) 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Length of estrous cycle (days)			Mean	Number of estrus	Animal with acyclic or irregular cycle
50451	D	P	E	M	D	P	E	M	D	P	E	M	D	P	4	4		4.0	3	-
50452	D	P	E	M	D	P	E	M	D	P	E	M	D	P	4	4		4.0	3	-
50453	D	P	E	M	D	P	E	M	D	E	M	D	P	E	4	3	4	3.7	4	+
50454	E	M	D	P	E	M	D	P	E	M	D	P	E	E	4	4	4	4.0	4	-
50455	D	P	E	M	D	P	E	M	D	P	E	M	D	P	4	4		4.0	3	-
50456	D	P	E	M	D	D	P	E	M	D	P	E	M	D	5	4		4.5	3	-
50457	D	E	M	D	P	E	M	D	P	E	M	D	P	E	4	4	4	4.0	4	-
50458	D	P	E	M	D	P	E	M	D	P	E	M	D	P	4	4		4.0	3	-
50459	M	D	P	E	M	D	P	E	M	D	P	E	M	D	4	4		4.0	3	-
50460	P	E	M	D	P	E	M	D	P	E	M	D	P	E	4	4	4	4.0	4	-
50461	D	P	E	M	D	P	E	M	D	D	D	P	E	E	4	6		5.0	3	-
50462	E	M	D	P	E	M	D	P	E	M	D	P	E	M	4	4	4	4.0	4	-

P : Proestrus, E : Estrus, M : Metestrus, D : Diestrus

+ : Animal with acyclic or irregular cycle, - : Animal with normal and regular cycle

Estrous cycles and copulation

Generation : F0 Dose : DPDME 0 mg/kg Species : Rat

Animal No.	/1st mating (times) 1	2	3	4	5	6	7	8	9	10	11	12	13	14
50151	M	D	D	D	D	D	D	D	D	D	D	D	P	E
	N	N	N	N	N	N	N	N	N	N	N	N	N	Y
50152	D	P	E											
	N	N	Y											
50153	D	P	E											
	N	N	Y											
50154	P	E												
	N	Y												
50155	P	E												
	N	Y												
50156	D	P	E											
	N	N	Y											
50157	M	D	P	E										
	N	N	N	Y										
50158	P	E												
	N	Y												
50159	E													
	Y													
50160	P	E												
	N	Y												
50161	E													
	Y													
50162	D	P	E											
	N	N	Y											

Upper / P : Proestrus, E : Estrus, M : Metestrus, D : Diestrus

Lower / Y : Completion in copulation, N : Incompletion in copulation

Estrous cycles and copulation
Generation : F0 Dose : DPDME 40 mg/kg Species : Rat

Animal No.	/1st mating (times) 1	2	3	4	5	6	7	8	9	10	11	12	13	14
50251	D	P	E											
	N	N	Y											
50252	D	P	E											
	N	N	Y											
50253	E													
	Y													
50254	D	P	E											
	N	N	Y											
50255	M	D	P	E										
	N	N	N	Y										
50256	E													
	Y													
50257	E													
	Y													
50258	P	E												
	N	Y												
50259	E													
	Y													
50260	D	E	M	D	P	E								
	N	N	N	N	N	Y								
50261	E													
	Y													
50262	E													
	Y													

Upper / P : Proestrus, E : Estrus, M : Metestrus, D : Diestrus
Lower / Y : Completion in copulation, N : Incompletion in copulation

Estrous cycles and copulation

Generation : F0 Dose : DPDME 200 mg/kg Species : Rat

Animal No.	/1st mating (times) 1	2	3	4	5	6	7	8	9	10	11	12	13	14
50351	P	E												
	N	Y												
50352	D	P	E											
	N	N	Y											
50353	P	E												
	N	Y												
50354	P	E												
	N	Y												
50355	D	P	E											
	N	N	Y											
50356	E													
	Y													
50357	D	P	E											
	N	N	Y											
50358	P	E												
	N	Y												
50359	E													
	Y													
50360	P	E												
	N	Y												
50361	E													
	Y													
50362	D	P	E											
	N	N	Y											

Upper / P : Proestrus, E : Estrus, M : Metestrus, D : Diestrus

Lower / Y : Completion in copulation, N : Incompletion in copulation

Estrous cycles and copulation

Generation : F0 Dose : DPDME 1000 mg/kg Species : Rat

Animal No.	/1st mating (times) 1	2	3	4	5	6	7	8	9	10	11	12	13	14
50451	E													
	Y													
50452	E													
	Y													
50453	M	D	P	E										
	N	N	N	Y										
50454	M	D	P	E										
	N	N	N	Y										
50455	E													
	Y													
50456	P	E												
	N	Y												
50457	M	D	D	D	D	D	D	D	D	D	P	E		
	N	N	N	N	N	N	N	N	N	N	N	Y		
50458	E													
	Y													
50459	P	E												
	N	Y												
50460	M	D	P	E										
	N	N	N	Y										
50461	M	D	P	E										
	N	N	N	Y										
50462	D	P	E											
	N	N	Y											

Upper / P : Proestrus, E : Estrus, M : Metestrus, D : Diestrus

Lower / Y : Completion in copulation, N : Incompletion in copulation

Reproductive performance
Generation : F0 Sex : Male Dose : DPDME 0 mg/kg Species : Rat

Animal No.	Day of conceiving	1st mating			2nd mating			Total	
		Paired animal	Copulation	Fertility	Paired animal	Copulation	Fertility	Copulation	Fertility
10101	14	50151	+	-	///	///	///	+	-
10102	3	50152	+	+	///	///	///	+	+
10103	3	50153	+	+	///	///	///	+	+
10104	2	50154	+	+	///	///	///	+	+
10105	2	50155	+	+	///	///	///	+	+
10106	3	50156	+	+	///	///	///	+	+
10107	4	50157	+	+	///	///	///	+	+
10108	2	50158	+	+	///	///	///	+	+
10109	1	50159	+	+	///	///	///	+	+
10110	2	50160	+	+	///	///	///	+	+
10111	1	50161	+	+	///	///	///	+	+
10112	3	50162	+	+	///	///	///	+	+
n	12		12	12		0	0	12	12
Mean	3.3								
S.D.	3.5								
No. of positives			12	11				12	11
%			100.0	91.7				100.0	91.7

/// : No need to input/measure

Reproductive performance

Generation : F0 Sex : Male Dose : DPDME 40 mg/kg Species : Rat

Animal No.	Day of conceiving	1st mating			2nd mating			Total	
		Paired animal	Copulation	Fertility	Paired animal	Copulation	Fertility	Copulation	Fertility
10201	3	50251	+	+	///	///	///	+	+
10202	3	50252	+	+	///	///	///	+	+
10203	1	50253	+	+	///	///	///	+	+
10204	3	50254	+	+	///	///	///	+	+
10205	4	50255	+	+	///	///	///	+	+
10206	1	50256	+	+	///	///	///	+	+
10207	1	50257	+	+	///	///	///	+	+
10208	2	50258	+	+	///	///	///	+	+
10209	1	50259	+	+	///	///	///	+	+
10210	6	50260	+	+	///	///	///	+	+
10211	1	50261	+	+	///	///	///	+	+
10212	1	50262	+	+	///	///	///	+	+
n	12		12	12		0	0	12	12
Mean	2.3								
S.D.	1.6								
No. of positives			12	12				12	12
%			100.0	100.0				100.0	100.0

/// : No need to input/measure

Reproductive performance

Generation : F0 Sex : Male Dose : DPDME 200 mg/kg Species : Rat

Animal No.	Day of conceiving	1st mating			2nd mating			Total	
		Paired animal	Copulation	Fertility	Paired animal	Copulation	Fertility	Copulation	Fertility
10301	2	50351	+	+	///	///	///	+	+
10302	3	50352	+	+	///	///	///	+	+
10303	2	50353	+	+	///	///	///	+	+
10304	2	50354	+	+	///	///	///	+	+
10305	3	50355	+	+	///	///	///	+	+
10306	1	50356	+	+	///	///	///	+	+
10307	3	50357	+	+	///	///	///	+	+
10308	2	50358	+	+	///	///	///	+	+
10309	1	50359	+	+	///	///	///	+	+
10310	2	50360	+	+	///	///	///	+	+
10311	1	50361	+	+	///	///	///	+	+
10312	3	50362	+	+	///	///	///	+	+
n	12		12	12		0	0	12	12
Mean	2.1								
S.D.	0.8								
No. of positives			12	12				12	12
%			100.0	100.0				100.0	100.0

/// : No need to input/measure

Reproductive performance

Generation : F0 Sex : Male Dose : DPDME 1000 mg/kg Species : Rat

Animal No.	Day of conceiving	1st mating			2nd mating			Total	
		Paired animal	Copulation	Fertility	Paired animal	Copulation	Fertility	Copulation	Fertility
10401	1	50451	+	+	///	///	///	+	+
10402	1	50452	+	+	///	///	///	+	+
10403	4	50453	+	+	///	///	///	+	+
10404	4	50454	+	+	///	///	///	+	+
10405	1	50455	+	+	///	///	///	+	+
10406	2	50456	+	+	///	///	///	+	+
10407	12	50457	+	+	///	///	///	+	+
10408	1	50458	+	+	///	///	///	+	+
10409	2	50459	+	+	///	///	///	+	+
10410	4	50460	+	+	///	///	///	+	+
10411	4	50461	+	+	///	///	///	+	+
10412	3	50462	+	+	///	///	///	+	+
n	12		12	12		0	0	12	12
Mean	3.3								
S.D.	3.0								
No. of positives			12	12				12	12
%			100.0	100.0				100.0	100.0

/// : No need to input/measure

Reproductive performance

Generation : F0 Sex : Female Dose : DPDME 0 mg/kg Species : Rat

Animal No.	Day of conceiving	1st mating			2nd mating			Total	
		Paired animal	Copulation	Fertility	Paired animal	Copulation	Fertility	Copulation	Fertility
50151	14	10101	+	-	///	///	///	+	-
50152	3	10102	+	+	///	///	///	+	+
50153	3	10103	+	+	///	///	///	+	+
50154	2	10104	+	+	///	///	///	+	+
50155	2	10105	+	+	///	///	///	+	+
50156	3	10106	+	+	///	///	///	+	+
50157	4	10107	+	+	///	///	///	+	+
50158	2	10108	+	+	///	///	///	+	+
50159	1	10109	+	+	///	///	///	+	+
50160	2	10110	+	+	///	///	///	+	+
50161	1	10111	+	+	///	///	///	+	+
50162	3	10112	+	+	///	///	///	+	+
n	12		12	12		0	0	12	12
Mean	3.3								
S.D.	3.5								
No. of positives			12	11				12	11
%			100.0	91.7				100.0	91.7

/// : No need to input/measure

Reproductive performance

Generation : F0 Sex : Female Dose : DPDME 40 mg/kg Species : Rat

Animal No.	Day of conceiving	1st mating			2nd mating			Total	
		Paired animal	Copulation	Fertility	Paired animal	Copulation	Fertility	Copulation	Fertility
50251	3	10201	+	+	///	///	///	+	+
50252	3	10202	+	+	///	///	///	+	+
50253	1	10203	+	+	///	///	///	+	+
50254	3	10204	+	+	///	///	///	+	+
50255	4	10205	+	+	///	///	///	+	+
50256	1	10206	+	+	///	///	///	+	+
50257	1	10207	+	+	///	///	///	+	+
50258	2	10208	+	+	///	///	///	+	+
50259	1	10209	+	+	///	///	///	+	+
50260	6	10210	+	+	///	///	///	+	+
50261	1	10211	+	+	///	///	///	+	+
50262	1	10212	+	+	///	///	///	+	+
n	12		12	12		0	0	12	12
Mean	2.3								
S.D.	1.6								
No. of positives			12	12				12	12
%			100.0	100.0				100.0	100.0

/// : No need to input/measure

Reproductive performance

Generation : F0 Sex : Female Dose : DPDME 200 mg/kg Species : Rat

Animal No.	Day of conceiving	1st mating			2nd mating			Total	
		Paired animal	Copulation	Fertility	Paired animal	Copulation	Fertility	Copulation	Fertility
50351	2	10301	+	+	///	///	///	+	+
50352	3	10302	+	+	///	///	///	+	+
50353	2	10303	+	+	///	///	///	+	+
50354	2	10304	+	+	///	///	///	+	+
50355	3	10305	+	+	///	///	///	+	+
50356	1	10306	+	+	///	///	///	+	+
50357	3	10307	+	+	///	///	///	+	+
50358	2	10308	+	+	///	///	///	+	+
50359	1	10309	+	+	///	///	///	+	+
50360	2	10310	+	+	///	///	///	+	+
50361	1	10311	+	+	///	///	///	+	+
50362	3	10312	+	+	///	///	///	+	+
n	12		12	12		0	0	12	12
Mean	2.1								
S.D.	0.8								
No. of positives			12	12				12	12
%			100.0	100.0				100.0	100.0

/// : No need to input/measure

Reproductive performance

Generation : F0 Sex : Female Dose : DPDME 1000 mg/kg Species : Rat

Animal No.	Day of conceiving	1st mating			2nd mating			Total	
		Paired animal	Copulation	Fertility	Paired animal	Copulation	Fertility	Copulation	Fertility
50451	1	10401	+	+	///	///	///	+	+
50452	1	10402	+	+	///	///	///	+	+
50453	4	10403	+	+	///	///	///	+	+
50454	4	10404	+	+	///	///	///	+	+
50455	1	10405	+	+	///	///	///	+	+
50456	2	10406	+	+	///	///	///	+	+
50457	12	10407	+	+	///	///	///	+	+
50458	1	10408	+	+	///	///	///	+	+
50459	2	10409	+	+	///	///	///	+	+
50460	4	10410	+	+	///	///	///	+	+
50461	4	10411	+	+	///	///	///	+	+
50462	3	10412	+	+	///	///	///	+	+
n	12		12	12		0	0	12	12
Mean	3.3								
S.D.	3.0								
No. of positives			12	12				12	12
%			100.0	100.0				100.0	100.0

/// : No need to input/measure

Delivery data
Generation : F0 Dose : DPDME 0 mg/kg Species : Rat

Dam No.	Gestation length (day)	Number of implan-tation	Delivery index (%)	Number of offspring	Number of live newborns			Number of dead newborns			
					M	F	Total	M	F	U	Total
50152	22	14(5/9)	85.7	12	7	5	12	0	0	0	0
50153	22	12(5/7)	100.0	12	6	6	12	0	0	0	0
50154	22	15(11/4)	100.0	15	7	7	14	0	1	0	1
50155	22	16(6/10)	93.8	15	9	6	15	0	0	0	0
50156	22	15(9/6)	93.3	14	4	10	14	0	0	0	0
50157	23	16(9/7)	93.8	15	6	9	15	0	0	0	0
50158	23	17(8/9)	94.1	16	8	8	16	0	0	0	0
50159	22	17(7/10)	100.0	17	5	12	17	0	0	0	0
50160	23	16(9/7)	93.8	15	7	8	15	0	0	0	0
50161	22	17(10/7)	94.1	16	11	5	16	0	0	0	0
50162	22	16(9/7)	100.0	16	9	7	16	0	0	0	0
n	11	11	11	11	11	11	11	11	11	11	11
Mean	22.27	15.5	95.33	14.8	7.2	7.5	14.7	0.0	0.1	0.0	0.1
S.D.	0.47	1.5	4.41	1.6	2.0	2.2	1.6	0.0	0.3	0.0	0.3

(/) : Right/Left, M : Male, F : Female, U : Unable to be sexed

Delivery data
Generation : F0 Dose : DPDME 40 mg/kg Species : Rat

Dam No.	Gestation length (day)	Number of implan-tation	Delivery index (%)	Number of offspring	Number of live newborns			Number of dead newborns			
					M	F	Total	M	F	U	Total
50251	22	18(11/7)	77.8	14	9	5	14	0	0	0	0
50252	22	17(12/5)	94.1	16	10	6	16	0	0	0	0
50253	22	14(8/6)	85.7	12	3	9	12	0	0	0	0
50254	22	20(10/10)	100.0	20	11	9	20	0	0	0	0
50255	22	20(11/9)	85.0	17	11	6	17	0	0	0	0
50256	23	15(9/6)	93.3	14	8	6	14	0	0	0	0
50257	23	16(6/10)	87.5	14	6	8	14	0	0	0	0
50258	22	18(7/11)	100.0	18	9	9	18	0	0	0	0
50259	22	16(7/9)	100.0	16	13	3	16	0	0	0	0
50260	23	17(8/9)	94.1	16	9	7	16	0	0	0	0
50261	22	21(10/11)	85.7	18	9	9	18	0	0	0	0
50262	23	16(10/6)	87.5	14	7	7	14	0	0	0	0
n	12	12	12	12	12	12	12	12	12	12	12
Mean	22.33	17.3	90.89	15.8	8.8	7.0	15.8	0.0	0.0	0.0	0.0
S.D.	0.49	2.1	7.12	2.3	2.6	1.9	2.3	0.0	0.0	0.0	0.0

(/) : Right/Left, M : Male, F : Female, U : Unable to be sexed

Delivery data
Generation : F0 Dose : DPDME 200 mg/kg Species : Rat

Dam No.	Gestation length (day)	Number of implan-tation	Delivery index (%)	Number of offspring	Number of live newborns			Number of dead newborns			
					M	F	Total	M	F	U	Total
50351	23	18(10/8)	100.0	18	6	10	16	0	2	0	2
50352	23	17(10/7)	94.1	16	7	9	16	0	0	0	0
50353	22	16(7/9)	75.0	12	8	4	12	0	0	0	0
50354	22	16(9/7)	100.0	16	9	7	16	0	0	0	0
50355	23	15(8/7)	100.0	15	8	4	12	3	0	0	3
50356	23	16(8/8)	93.8	15	9	6	15	0	0	0	0
50357	22	15(7/8)	100.0	15	6	9	15	0	0	0	0
50358	22	20(11/9)	95.0	19	10	9	19	0	0	0	0
50359	22	16(6/10)	93.8	15	8	7	15	0	0	0	0
50360	23	13(3/10)	61.5	8	3	3	6	0	2	0	2
50361	22	15(7/8)	93.3	14	4	10	14	0	0	0	0
50362	23	20(12/8)	95.0	19	9	9	18	0	1	0	1
n	12	12	12	12	12	12	12	12	12	12	12
Mean	22.50	16.4	91.79	15.2	7.3	7.3	14.5	0.3	0.4	0.0	0.7
S.D.	0.52	2.1	11.70	3.0	2.1	2.5	3.4	0.9	0.8	0.0	1.1

(/) : Right/Left, M : Male, F : Female, U : Unable to be sexed

Delivery data
Generation : F0 Dose : DPDME 1000 mg/kg Species : Rat

Dam No.	Gestation length (day)	Number of implan-tation	Delivery index (%)	Number of offspring	Number of live newborns			Number of dead newborns			
					M	F	Total	M	F	U	Total
50451	22	16(8/8)	100.0	16	12	3	15	0	1	0	1
50452	22	16(7/9)	56.3	9	3	6	9	0	0	0	0
50453	22	16(9/7)	100.0	16	11	4	15	0	1	0	1
50454	22	16(4/12)	100.0	16	8	7	15	1	0	0	1
50455	22	11(6/5)	100.0	11	6	5	11	0	0	0	0
50456	22	14(8/6)	100.0	14	8	6	14	0	0	0	0
50457	22	15(6/9)	100.0	15	8	7	15	0	0	0	0
50458	22	16(10/6)	100.0	16	8	6	14	0	2	0	2
50459	22	17(4/13)	100.0	17	7	8	15	1	1	0	2
50460	22	16(11/5)	93.8	15	3	12	15	0	0	0	0
50461	23	20(8/12)	85.0	17	7	9	16	1	0	0	1
50462	23	17(7/10)	64.7	11	8	3	11	0	0	0	0
n	12	12	12	12	12	12	12	12	12	12	12
Mean	22.17	15.8	91.65	14.4	7.4	6.3	13.8	0.3	0.4	0.0	0.7
S.D.	0.39	2.1	15.32	2.6	2.6	2.6	2.2	0.5	0.7	0.0	0.8

(/) : Right/Left, M : Male, F : Female, U : Unable to be sexed

Delivery data (external examination of offspring) Unit : Number of anomalous offspring (incidence %) Postnatal Day : 0
Generation : F1 Dose : DPDME 0 mg/kg Species : Rat

Dam No.	Number of offspring examined	/Findings
50152	12	No anomaly
50153	12	No anomaly
50154	14	No anomaly
50155	15	No anomaly
50156	14	No anomaly
50157	15	No anomaly
50158	16	No anomaly
50159	17	No anomaly
50160	15	No anomaly
50161	16	No anomaly
50162	16	No anomaly
Total	162	
n	11	
Mean		
S.D.		

Mean : Average of incidence (%)

Delivery data (external examination of offspring) Unit : Number of anomalous offspring (incidence %) Postnatal Day : 0
Generation : F1 Dose : DPDME 40 mg/kg Species : Rat

Dam No.	Number of offspring examined	/Findings
50251	14	No anomaly
50252	16	No anomaly
50253	12	No anomaly
50254	20	No anomaly
50255	17	No anomaly
50256	14	No anomaly
50257	14	No anomaly
50258	18	No anomaly
50259	16	No anomaly
50260	16	No anomaly
50261	18	No anomaly
50262	14	No anomaly
Total	189	
n	12	
Mean		
S.D.		

Mean : Average of incidence (%)

Delivery data (external examination of offspring) Unit : Number of anomalous offspring (incidence %) Postnatal Day : 0
Generation : F1 Dose : DPDME 200 mg/kg Species : Rat

Dam No.	Number of offspring examined	/Findings
50351	16	No anomaly
50352	16	No anomaly
50353	12	No anomaly
50354	16	No anomaly
50355	12	No anomaly
50356	15	No anomaly
50357	15	No anomaly
50358	19	No anomaly
50359	15	No anomaly
50360	6	No anomaly
50361	14	No anomaly
50362	18	No anomaly
Total	174	
n	12	
Mean		
S.D.		

Mean : Average of incidence (%)

Delivery data (external examination of offspring) Unit : Number of anomalous offspring (incidence %) Postnatal Day : 0
Generation : F1 Dose : DPDME 1000 mg/kg Species : Rat

Dam No.	Number of offspring examined	/Findings
50451	15	No anomaly
50452	9	No anomaly
50453	15	No anomaly
50454	15	No anomaly
50455	11	No anomaly
50456	14	No anomaly
50457	15	No anomaly
50458	14	No anomaly
50459	15	No anomaly
50460	15	No anomaly
50461	16	No anomaly
50462	11	No anomaly
Total	165	
n	12	
Mean		
S.D.		

Mean : Average of incidence (%)

Clinical sign of offspring
Generation : F1 Dose : DPDME 0 mg/kg Species : Rat

Dam No.		Number of offspring	/Postnatal Day 0	1	2	3	4	5	6	7	8	9	10	11
50152	Alive :	Male	7	7	7	7	7	4	4	4	4	4	4	4
		Female	5	5	5	5	5	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	7/5	7/5	7/5	7/5	7/5	4/4	4/4	4/4	4/4	4/4	4/4	4/4
50153	Alive :	Male	6	6	6	6	6	4	4	4	4	4	4	4
		Female	6	6	6	6	6	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	6/6	6/6	6/6	6/6	6/6	4/4	4/4	4/4	4/4	4/4	4/4	4/4
50154	Alive :	Male	7	7	7	6	6	4	4	4	4	4	4	4
		Female	7	7	7	7	7	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	1/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	7/7	7/7	7/7	6/7	6/7	4/4	4/4	4/4	4/4	4/4	4/4	4/4
50155	Alive :	Male	9	9	9	9	9	4	4	4	4	4	4	4
		Female	6	6	6	6	6	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	9/6	9/6	9/6	9/6	9/6	4/4	4/4	4/4	4/4	4/4	4/4	4/4
50156	Alive :	Male	4	4	4	4	4	4	4	4	4	4	4	4
		Female	10	10	9	9	9	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/1/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	4/10	4/10	4/9	4/9	4/9	4/4	4/4	4/4	4/4	4/4	4/4	4/4
50157	Alive :	Male	6	6	6	6	6	4	4	4	4	4	4	4
		Female	9	9	9	9	9	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	6/9	6/9	6/9	6/9	6/9	4/4	4/4	4/4	4/4	4/4	4/4	4/4

(/) : Number of offspring Male/Female/Unable to be sexed

Clinical sign of offspring
Generation : F1 Dose : DPDME 0 mg/kg Species : Rat

Dam No.		Number of offspring	/Postnatal Day 0	1	2	3	4	5	6	7	8	9	10	11
50158	Alive :	Male	8	8	8	8	8	4	4	4	4	4	4	4
		Female	8	8	8	8	8	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	8/8	8/8	8/8	8/8	8/8	4/4	4/4	4/4	4/4	4/4	4/4	4/4
50159	Alive :	Male	5	5	5	5	5	4	4	4	4	4	4	4
		Female	12	12	12	12	12	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	5/12	5/12	5/12	5/12	5/12	4/4	4/4	4/4	4/4	4/4	4/4	4/4
50160	Alive :	Male	7	7	7	7	7	4	4	4	4	4	4	4
		Female	8	8	8	7	6	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/1/0	0/1/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	7/8	7/8	7/8	7/7	7/6	4/4	4/4	4/4	4/4	4/4	4/4	4/4
50161	Alive :	Male	11	11	11	11	11	4	4	4	4	4	4	4
		Female	5	5	5	5	5	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	11/5	11/5	11/5	11/5	11/5	4/4	4/4	4/4	4/4	4/4	4/4	4/4
50162	Alive :	Male	9	9	8	8	8	4	4	4	4	4	4	4
		Female	7	7	7	7	7	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	1/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	9/7	9/7	8/7	8/7	8/7	4/4	4/4	4/4	4/4	4/4	4/4	4/4

(/) : Number of offspring Male/Female/Unable to be sexed

Clinical sign of offspring
Generation : F1 Dose : DPDME 0 mg/kg Species : Rat

Dam No.		Number of offspring	/Postnatal Day 12	13
50152	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4
50153	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4
50154	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4
50155	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4
50156	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4
50157	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4

(/) : Number of offspring Male/Female/Unable to be sexed

Clinical sign of offspring
Generation : F1 Dose : DPDME 0 mg/kg Species : Rat

Dam No.		Number of offspring	/Postnatal Day 12	13
50158	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4
50159	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4
50160	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4
50161	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4
50162	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4

(/) : Number of offspring Male/Female/Unable to be sexed

Clinical sign of offspring
Generation : F1 Dose : DPDME 40 mg/kg Species : Rat

Dam No.		Number of offspring	/Postnatal Day 0	1	2	3	4	5	6	7	8	9	10	11
50251	Alive :	Male	9	9	9	9	9	4	4	4	4	4	4	4
		Female	5	5	5	5	5	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	9/5	9/5	9/5	9/5	9/5	4/4	4/4	4/4	4/4	4/4	4/4	4/4
50252	Alive :	Male	10	10	10	10	10	4	4	4	4	4	4	4
		Female	6	6	6	6	6	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	10/6	10/6	10/6	10/6	10/6	4/4	4/4	4/4	4/4	4/4	4/4	4/4
50253	Alive :	Male	3	3	3	3	3	3	3	3	3	3	3	3
		Female	9	9	9	9	9	5	5	5	5	5	5	5
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	3/9	3/9	3/9	3/9	3/9	3/5	3/5	3/5	3/5	3/5	3/5	3/5
50254	Alive :	Male	11	11	11	11	11	4	4	4	4	4	4	4
		Female	9	9	9	9	9	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	11/9	11/9	11/9	11/9	11/9	4/4	4/4	4/4	4/4	4/4	4/4	4/4
50255	Alive :	Male	11	11	11	11	11	4	4	4	4	4	4	4
		Female	6	6	6	6	6	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	11/6	11/6	11/6	11/6	11/6	4/4	4/4	4/4	4/4	4/4	4/4	4/4
50256	Alive :	Male	8	8	8	8	8	4	4	4	4	4	4	4
		Female	6	6	6	6	6	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	8/6	8/6	8/6	8/6	8/6	4/4	4/4	4/4	4/4	4/4	4/4	4/4

(/) : Number of offspring Male/Female/Unable to be sexed

Clinical sign of offspring
Generation : F1 Dose : DPDME 40 mg/kg Species : Rat

Dam No.		Number of offspring	/Postnatal Day 0	1	2	3	4	5	6	7	8	9	10	11
50257	Alive :	Male	6	6	6	6	6	4	4	4	4	4	4	4
		Female	8	8	8	8	8	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	6/8	6/8	6/8	6/8	6/8	4/4	4/4	4/4	4/4	4/4	4/4	4/4
50258	Alive :	Male	9	9	9	9	9	4	4	4	4	4	4	4
		Female	9	9	9	8	8	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/1/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	9/9	9/9	9/9	9/8	9/8	4/4	4/4	4/4	4/4	4/4	4/4	4/4
50259	Alive :	Male	13	12	12	12	12	6	6	6	6	6	6	6
		Female	3	3	2	2	2	2	2	2	2	2	2	2
	Dead :	Dead	0/0/0	1/0/0	0/1/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	13/3	12/3	12/2	12/2	12/2	6/2	6/2	6/2	6/2	6/2	6/2	6/2
50260	Alive :	Male	9	9	9	9	9	4	4	4	4	4	4	4
		Female	7	7	7	7	7	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	9/7	9/7	9/7	9/7	9/7	4/4	4/4	4/4	4/4	4/4	4/4	4/4
50261	Alive :	Male	9	9	9	9	9	4	4	4	4	4	4	4
		Female	9	9	9	9	9	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	9/9	9/9	9/9	9/9	9/9	4/4	4/4	4/4	4/4	4/4	4/4	4/4
50262	Alive :	Male	7	7	7	7	7	4	4	4	4	4	4	4
		Female	7	7	7	7	7	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	7/7	7/7	7/7	7/7	7/7	4/4	4/4	4/4	4/4	4/4	4/4	4/4

(/) : Number of offspring Male/Female/Unable to be sexed

Clinical sign of offspring
Generation : F1 Dose : DPDME 40 mg/kg Species : Rat

Dam No.		Number of offspring	/Postnatal Day 12	13
50251	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4
50252	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4
50253	Alive :	Male	3	3
		Female	5	5
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	3/5	3/5
50254	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4
50255	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4
50256	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4

(/) : Number of offspring Male/Female/Unable to be sexed

Clinical sign of offspring
Generation : F1 Dose : DPDME 40 mg/kg Species : Rat

Dam No.		Number of offspring	/Postnatal Day 12	13
50257	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4
50258	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4
50259	Alive :	Male	6	6
		Female	2	2
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	6/2	6/2
50260	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4
50261	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4
50262	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4

(/) : Number of offspring Male/Female/Unable to be sexed

Clinical sign of offspring
Generation : F1 Dose : DPDME 200 mg/kg Species : Rat

Dam No.		Number of offspring	/Postnatal Day 0	1	2	3	4	5	6	7	8	9	10	11
50351	Alive :	Male	6	6	6	6	6	4	4	4	4	4	4	4
		Female	10	10	10	10	10	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	6/10	6/10	6/10	6/10	6/10	4/4	4/4	4/4	4/4	4/4	4/4	4/4
50352	Alive :	Male	7	7	7	7	6	4	4	4	4	4	4	4
		Female	9	9	8	8	8	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/1/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	1/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	7/9	7/9	7/8	7/8	6/8	4/4	4/4	4/4	4/4	4/4	4/4	4/4
50353	Alive :	Male	8	8	8	8	8	4	4	4	4	4	4	4
		Female	4	4	4	4	4	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	8/4	8/4	8/4	8/4	8/4	4/4	4/4	4/4	4/4	4/4	4/4	4/4
50354	Alive :	Male	9	9	9	9	9	4	4	4	4	4	4	4
		Female	7	7	7	7	7	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	9/7	9/7	9/7	9/7	9/7	4/4	4/4	4/4	4/4	4/4	4/4	4/4
50355	Alive :	Male	8	7	7	7	7	5	5	5	5	5	5	5
		Female	4	3	3	3	3	3	3	3	3	3	3	3
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	1/1/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	8/4	7/3	7/3	7/3	7/3	5/3	5/3	5/3	5/3	5/3	5/3	5/3
50356	Alive :	Male	9	9	9	9	9	4	4	4	4	4	4	4
		Female	6	6	6	6	6	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	9/6	9/6	9/6	9/6	9/6	4/4	4/4	4/4	4/4	4/4	4/4	4/4

(/) : Number of offspring Male/Female/Unable to be sexed

Clinical sign of offspring
Generation : F1 Dose : DPDME 200 mg/kg Species : Rat

Dam No.		Number of offspring	/Postnatal Day 0	1	2	3	4	5	6	7	8	9	10	11
50357	Alive :	Male	6	6	6	6	6	4	4	4	4	4	4	4
		Female	9	9	9	9	9	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	6/9	6/9	6/9	6/9	6/9	4/4	4/4	4/4	4/4	4/4	4/4	4/4
50358	Alive :	Male	10	10	10	10	10	4	4	4	4	4	4	4
		Female	9	9	9	9	7	3	3	3	3	3	3	3
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/1/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/1/0	0/1/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	10/9	10/9	10/9	10/9	10/7	4/3	4/3	4/3	4/3	4/3	4/3	4/3
50359	Alive :	Male	8	8	8	7	7	4	4	4	4	4	4	4
		Female	7	7	7	7	7	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	1/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	8/7	8/7	8/7	7/7	7/7	4/4	4/4	4/4	4/4	4/4	4/4	4/4
50360	Alive :	Male	3	3	3	3	3	3	3	3	3	3	3	3
		Female	3	3	3	3	3	3	3	3	3	3	3	3
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3	3/3
50361	Alive :	Male	4	4	4	4	4	4	4	4	4	4	4	4
		Female	10	10	10	10	9	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/1/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	4/10	4/10	4/10	4/10	4/9	4/4	4/4	4/4	4/4	4/4	4/4	4/4
50362	Alive :	Male	9	9	9	9	9	4	4	4	4	4	4	4
		Female	9	9	9	9	9	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	9/9	9/9	9/9	9/9	9/9	4/4	4/4	4/4	4/4	4/4	4/4	4/4

(/) : Number of offspring Male/Female/Unable to be sexed

Clinical sign of offspring
Generation : F1 Dose : DPDME 200 mg/kg Species : Rat

Dam No.		Number of offspring	/Postnatal Day 12	13
50351	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4
50352	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4
50353	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4
50354	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4
50355	Alive :	Male	5	5
		Female	3	3
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	5/3	5/3
50356	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4

(/) : Number of offspring Male/Female/Unable to be sexed

Clinical sign of offspring
Generation : F1 Dose : DPDME 200 mg/kg Species : Rat

Dam No.		Number of offspring	/Postnatal Day 12	13
50357	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4
50358	Alive :	Male	4	4
		Female	3	3
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/3	4/3
50359	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4
50360	Alive :	Male	3	3
		Female	3	3
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	3/3	3/3
50361	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4
50362	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4

(/) : Number of offspring Male/Female/Unable to be sexed

Clinical sign of offspring
Generation : F1 Dose : DPDME 1000 mg/kg Species : Rat

Dam No.		Number of offspring	/Postnatal Day 0	1	2	3	4	5	6	7	8	9	10	11
50451	Alive :	Male	12	12	12	12	11	5	5	5	5	5	5	5
		Female	3	3	3	3	3	3	3	3	3	3	3	3
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	1/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	12/3	12/3	12/3	12/3	11/3	5/3	5/3	5/3	5/3	5/3	5/3	5/3
50452	Alive :	Male	3	3	3	3	3	3	3	3	3	3	3	3
		Female	6	6	6	6	6	5	5	5	5	5	5	5
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	3/6	3/6	3/6	3/6	3/6	3/5	3/5	3/5	3/5	3/5	3/5	3/5
50453	Alive :	Male	11	11	11	11	10	4	4	4	4	4	4	4
		Female	4	4	4	4	4	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	1/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	11/4	11/4	11/4	11/4	10/4	4/4	4/4	4/4	4/4	4/4	4/4	4/4
50454	Alive :	Male	8	8	8	8	8	4	4	4	4	4	4	4
		Female	7	7	7	7	7	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	8/7	8/7	8/7	8/7	8/7	4/4	4/4	4/4	4/4	4/4	4/4	4/4
50455	Alive :	Male	6	6	6	6	6	4	4	4	4	4	4	4
		Female	5	5	5	5	5	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	6/5	6/5	6/5	6/5	6/5	4/4	4/4	4/4	4/4	4/4	4/4	4/4
50456	Alive :	Male	8	8	8	8	8	4	4	4	4	4	4	4
		Female	6	6	6	6	5	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/1/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	8/6	8/6	8/6	8/6	8/5	4/4	4/4	4/4	4/4	4/4	4/4	4/4

(/) : Number of offspring Male/Female/Unable to be sexed

Clinical sign of offspring
Generation : F1 Dose : DPDME 1000 mg/kg Species : Rat

Dam No.		Number of offspring	/Postnatal Day 0	1	2	3	4	5	6	7	8	9	10	11
50457	Alive :	Male	8	8	8	8	8	4	4	4	4	4	4	4
		Female	7	7	7	7	7	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	8/7	8/7	8/7	8/7	8/7	4/4	4/4	4/4	4/4	4/4	4/4	4/4
50458	Alive :	Male	8	8	8	8	8	4	4	4	4	4	4	4
		Female	6	6	6	6	6	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	8/6	8/6	8/6	8/6	8/6	4/4	4/4	4/4	4/4	4/4	4/4	4/4
50459	Alive :	Male	7	7	7	7	7	4	4	4	4	4	4	4
		Female	8	8	8	8	8	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	7/8	7/8	7/8	7/8	7/8	4/4	4/4	4/4	4/4	4/4	4/4	4/4
50460	Alive :	Male	3	3	3	3	3	3	3	3	3	3	3	3
		Female	12	12	11	11	11	5	5	5	5	5	5	5
	Dead :	Dead	0/0/0	0/0/0	0/1/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	3/12	3/12	3/11	3/11	3/11	3/5	3/5	3/5	3/5	3/5	3/5	3/5
50461	Alive :	Male	7	7	7	7	7	4	4	4	4	4	4	4
		Female	9	9	9	9	9	4	4	4	4	4	4	4
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	7/9	7/9	7/9	7/9	7/9	4/4	4/4	4/4	4/4	4/4	4/4	4/4
50462	Alive :	Male	8	8	8	8	8	5	5	5	5	5	5	5
		Female	3	3	3	3	3	3	3	3	3	3	3	3
	Dead :	Dead	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0	0/0/0
		Signs												
		No abnormality	8/3	8/3	8/3	8/3	8/3	5/3	5/3	5/3	5/3	5/3	5/3	5/3

(/) : Number of offspring Male/Female/Unable to be sexed

Clinical sign of offspring
Generation : F1 Dose : DPDME 1000 mg/kg Species : Rat

Dam No.		Number of offspring	/Postnatal Day 12	13
50451	Alive :	Male	5	5
		Female	3	3
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	5/3	5/3
50452	Alive :	Male	3	3
		Female	5	5
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	3/5	3/5
50453	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4
50454	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4
50455	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4
50456	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4

(/) : Number of offspring Male/Female/Unable to be sexed

Clinical sign of offspring
Generation : F1 Dose : DPDME 1000 mg/kg Species : Rat

Dam No.		Number of offspring	/Postnatal Day 12	13
50457	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4
50458	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4
50459	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4
50460	Alive :	Male	3	3
		Female	5	5
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	3/5	3/5
50461	Alive :	Male	4	4
		Female	4	4
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	4/4	4/4
50462	Alive :	Male	5	5
		Female	3	3
	Dead :	Dead	0/0/0	0/0/0
		Unknown	0/0/0	0/0/0
		Cannibalism	0/0/0	0/0/0
		Signs		
		No abnormality	5/3	5/3

(/) : Number of offspring Male/Female/Unable to be sexed

Litter size and viability index of offspring

Generation : F1 Dose : DPDME 0 mg/kg Species : Rat

	/Postnatal Days	0	0	4	4	4	13	13
Dam No.	Sex	Male/Female	Viability index (%)	Pre-culled Male/Female	Viability index (%)	Post-culled Male/Female	Male/Female	Viability index (%)
50152	Total	12	100.0	12	100.0	8	8	100.0
		(7/5)		(7/5)		(4/4)	(4/4)	
50153	Total	12	100.0	12	100.0	8	8	100.0
		(6/6)		(6/6)		(4/4)	(4/4)	
50154	Total	14	93.3	13	92.9	8	8	100.0
		(7/7)		(6/7)		(4/4)	(4/4)	
50155	Total	15	100.0	15	100.0	8	8	100.0
		(9/6)		(9/6)		(4/4)	(4/4)	
50156	Total	14	100.0	13	92.9	8	8	100.0
		(4/10)		(4/9)		(4/4)	(4/4)	
50157	Total	15	100.0	15	100.0	8	8	100.0
		(6/9)		(6/9)		(4/4)	(4/4)	
50158	Total	16	100.0	16	100.0	8	8	100.0
		(8/8)		(8/8)		(4/4)	(4/4)	
50159	Total	17	100.0	17	100.0	8	8	100.0
		(5/12)		(5/12)		(4/4)	(4/4)	
50160	Total	15	100.0	13	86.7	8	8	100.0
		(7/8)		(7/6)		(4/4)	(4/4)	
50161	Total	16	100.0	16	100.0	8	8	100.0
		(11/5)		(11/5)		(4/4)	(4/4)	
50162	Total	16	100.0	15	93.8	8	8	100.0
		(9/7)		(8/7)		(4/4)	(4/4)	
Total		162		157		88	88	
Male/Female		79/83		77/80		44/44	44/44	
n		11	11	11	11	11	11	11
Mean			99.39		96.94			100.00
S.D.			2.02		4.61			0.00

Litter size and viability index of offspring

Generation : F1 Dose : DPDME 40 mg/kg Species : Rat

	/Postnatal Day	0	0	4	4	4	13	13
Dam No.	Sex	Male/Female	Viability index (%)	Pre-culled Male/Female	Viability index (%)	Post-culled Male/Female	Male/Female	Viability index (%)
50251	Total	14	100.0	14	100.0	8	8	100.0
		(9/5)		(9/5)		(4/4)	(4/4)	
50252	Total	16	100.0	16	100.0	8	8	100.0
		(10/6)		(10/6)		(4/4)	(4/4)	
50253	Total	12	100.0	12	100.0	8	8	100.0
		(3/9)		(3/9)		(3/5)	(3/5)	
50254	Total	20	100.0	20	100.0	8	8	100.0
		(11/9)		(11/9)		(4/4)	(4/4)	
50255	Total	17	100.0	17	100.0	8	8	100.0
		(11/6)		(11/6)		(4/4)	(4/4)	
50256	Total	14	100.0	14	100.0	8	8	100.0
		(8/6)		(8/6)		(4/4)	(4/4)	
50257	Total	14	100.0	14	100.0	8	8	100.0
		(6/8)		(6/8)		(4/4)	(4/4)	
50258	Total	18	100.0	17	94.4	8	8	100.0
		(9/9)		(9/8)		(4/4)	(4/4)	
50259	Total	16	100.0	14	87.5	8	8	100.0
		(13/3)		(12/2)		(6/2)	(6/2)	
50260	Total	16	100.0	16	100.0	8	8	100.0
		(9/7)		(9/7)		(4/4)	(4/4)	
50261	Total	18	100.0	18	100.0	8	8	100.0
		(9/9)		(9/9)		(4/4)	(4/4)	
50262	Total	14	100.0	14	100.0	8	8	100.0
		(7/7)		(7/7)		(4/4)	(4/4)	
Total		189		186		96	96	
Male/Female		105/84		104/82		49/47	49/47	
n		12	12	12	12	12	12	12
Mean			100.00		98.49			100.00
S.D.			0.00		3.82			0.00

Litter size and viability index of offspring

Generation : F1 Dose : DPDME 200 mg/kg Species : Rat

	/Postnatal Days	0	0	4	4	4	13	13
Dam No.	Sex	Male/Female	Viability index (%)	Pre-culled Male/Female	Viability index (%)	Post-culled Male/Female	Male/Female	Viability index (%)
50351	Total	16	88.9	16	100.0	8	8	100.0
		(6/10)		(6/10)		(4/4)	(4/4)	
50352	Total	16	100.0	14	87.5	8	8	100.0
		(7/9)		(6/8)		(4/4)	(4/4)	
50353	Total	12	100.0	12	100.0	8	8	100.0
		(8/4)		(8/4)		(4/4)	(4/4)	
50354	Total	16	100.0	16	100.0	8	8	100.0
		(9/7)		(9/7)		(4/4)	(4/4)	
50355	Total	12	80.0	10	83.3	8	8	100.0
		(8/4)		(7/3)		(5/3)	(5/3)	
50356	Total	15	100.0	15	100.0	8	8	100.0
		(9/6)		(9/6)		(4/4)	(4/4)	
50357	Total	15	100.0	15	100.0	8	8	100.0
		(6/9)		(6/9)		(4/4)	(4/4)	
50358	Total	19	100.0	17	89.5	8	7	87.5
		(10/9)		(10/7)		(4/4)	(4/3)	
50359	Total	15	100.0	14	93.3	8	8	100.0
		(8/7)		(7/7)		(4/4)	(4/4)	
50360	Total	6	75.0	6	100.0	6	6	100.0
		(3/3)		(3/3)		(3/3)	(3/3)	
50361	Total	14	100.0	13	92.9	8	8	100.0
		(4/10)		(4/9)		(4/4)	(4/4)	
50362	Total	18	94.7	18	100.0	8	8	100.0
		(9/9)		(9/9)		(4/4)	(4/4)	
Total		174		166		94	93	
Male/Female		87/87		84/82		48/46	48/45	
n		12	12	12	12	12	12	12
Mean			94.88		95.54			98.96
S.D.			8.85		6.05			3.61

Litter size and viability index of offspring

Generation : F1 Dose : DPDME 1000 mg/kg Species : Rat

	/Postnatal Days	0	0	4	4	4	13	13
Dam No.	Sex	Male/Female	Viability index (%)	Pre-culled Male/Female	Viability index (%)	Post-culled Male/Female	Male/Female	Viability index (%)
50451	Total	15	93.8	14	93.3	8	8	100.0
		(12/3)		(11/3)		(5/3)	(5/3)	
50452	Total	9	100.0	9	100.0	8	8	100.0
		(3/6)		(3/6)		(3/5)	(3/5)	
50453	Total	15	93.8	14	93.3	8	8	100.0
		(11/4)		(10/4)		(4/4)	(4/4)	
50454	Total	15	93.8	15	100.0	8	8	100.0
		(8/7)		(8/7)		(4/4)	(4/4)	
50455	Total	11	100.0	11	100.0	8	8	100.0
		(6/5)		(6/5)		(4/4)	(4/4)	
50456	Total	14	100.0	13	92.9	8	8	100.0
		(8/6)		(8/5)		(4/4)	(4/4)	
50457	Total	15	100.0	15	100.0	8	8	100.0
		(8/7)		(8/7)		(4/4)	(4/4)	
50458	Total	14	87.5	14	100.0	8	8	100.0
		(8/6)		(8/6)		(4/4)	(4/4)	
50459	Total	15	88.2	15	100.0	8	8	100.0
		(7/8)		(7/8)		(4/4)	(4/4)	
50460	Total	15	100.0	14	93.3	8	8	100.0
		(3/12)		(3/11)		(3/5)	(3/5)	
50461	Total	16	94.1	16	100.0	8	8	100.0
		(7/9)		(7/9)		(4/4)	(4/4)	
50462	Total	11	100.0	11	100.0	8	8	100.0
		(8/3)		(8/3)		(5/3)	(5/3)	
Total		165		161		96	96	
Male/Female		89/76		87/74		48/48	48/48	
n		12	12	12	12	12	12	12
Mean			95.93		97.73			100.00
S.D.			4.74		3.35			0.00

Litter data on body weight of offspring

Generation : F1 Dose : DPDME 0 mg/kg Unit : g Species : Rat

		/Postnatal Day	0		4		7		13
Dam No.	Sex	n	B.W.	n	B.W.	n	B.W.	n	B.W.
50152	Male	7	6.89	7	11.30	4	16.35	4	30.58
	Female	5	6.42	5	10.66	4	15.48	4	29.95
50153	Male	6	7.17	6	12.17	4	20.23	4	36.30
	Female	6	6.38	6	10.90	4	18.98	4	35.80
50154	Male	7	6.73	6	10.48	4	16.93	4	32.68
	Female	7	6.73	7	9.87	4	16.38	4	32.43
50155	Male	9	6.47	9	10.73	4	18.38	4	36.90
	Female	6	5.83	6	9.57	4	16.48	4	33.88
50156	Male	4	6.58	4	10.35	4	17.38	4	35.08
	Female	10	5.99	9	10.00	4	17.38	4	34.83
50157	Male	6	7.20	6	11.07	4	18.33	4	36.00
	Female	9	6.83	9	10.56	4	18.05	4	35.73
50158	Male	8	7.46	8	11.98	4	20.13	4	36.60
	Female	8	7.15	8	11.59	4	19.70	4	35.95
50159	Male	5	6.52	5	10.74	4	18.85	4	33.55
	Female	12	6.36	12	10.32	4	18.68	4	32.20
50160	Male	7	7.53	7	12.43	4	21.13	4	37.33
	Female	8	6.99	6	11.97	4	19.50	4	35.60
50161	Male	11	6.41	11	9.43	4	16.70	4	31.93
	Female	5	6.00	5	8.76	4	15.63	4	30.60
50162	Male	9	6.03	8	10.71	4	18.78	4	36.63
	Female	7	6.40	7	10.44	4	18.43	4	36.40
n	Male	79		77		44		44	
	Female	83		80		44		44	
Mean	Male		6.817		11.035		18.472		34.871
	Female		6.462		10.422		17.699		33.943
S.D.	Male		0.475		0.885		1.562		2.307
	Female		0.426		0.897		1.518		2.295

Litter data on body weight of offspring

Generation : F1 Dose : DPDME 40 mg/kg Unit : g Species : Rat

		/Postnatal Day	0		4		7		13
Dam No.	Sex	n	B.W.	n	B.W.	n	B.W.	n	B.W.
50251	Male	9	6.74	9	11.07	4	19.15	4	35.48
	Female	5	6.28	5	10.26	4	17.85	4	34.55
50252	Male	10	5.89	10	9.34	4	16.73	4	32.55
	Female	6	5.87	6	9.32	4	16.28	4	31.95
50253	Male	3	6.97	3	11.47	3	19.10	3	35.70
	Female	9	6.51	9	10.73	5	18.38	5	34.96
50254	Male	11	6.40	11	10.00	4	16.78	4	34.83
	Female	9	5.94	9	8.82	4	16.53	4	34.20
50255	Male	11	6.39	11	10.01	4	17.53	4	35.38
	Female	6	5.98	6	9.12	4	16.58	4	33.18
50256	Male	8	7.59	8	11.78	4	19.83	4	33.85
	Female	6	6.78	6	10.82	4	17.95	4	31.28
50257	Male	6	7.72	6	12.45	4	20.25	4	38.80
	Female	8	7.60	8	12.38	4	20.05	4	37.55
50258	Male	9	6.34	9	9.51	4	17.48	4	35.53
	Female	9	5.97	8	9.13	4	16.60	4	33.70
50259	Male	13	5.68	12	8.48	6	15.65	6	29.78
	Female	3	5.03	2	7.80	2	14.00	2	28.05
50260	Male	9	7.22	9	10.40	4	18.75	4	36.40
	Female	7	6.91	7	9.90	4	17.65	4	35.28
50261	Male	9	6.81	9	11.18	4	20.08	4	38.13
	Female	9	6.19	9	10.04	4	18.63	4	36.28
50262	Male	7	8.60	7	14.49	4	24.80	4	43.83
	Female	7	8.07	7	12.96	4	21.85	4	39.55
n	Male	105		104		49		49	
	Female	84		82		47		47	
Mean	Male		6.863		10.848		18.844		35.855
	Female		6.428		10.107		17.696		34.211
S.D.	Male		0.825		1.611		2.386		3.453
	Female		0.822		1.471		1.993		2.996

Litter data on body weight of offspring

Generation : F1 Dose : DPDME 200 mg/kg Unit : g Species : Rat

		/Postnatal Day	0		4		7		13
Dam No.	Sex	n	B.W.	n	B.W.	n	B.W.	n	B.W.
50351	Male	6	6.82	6	9.85	4	17.00	4	32.33
	Female	10	6.71	10	9.40	4	17.60	4	32.58
50352	Male	7	7.19	6	11.12	4	18.43	4	31.78
	Female	9	6.60	8	10.31	4	17.13	4	29.73
50353	Male	8	7.03	8	11.18	4	19.28	4	33.88
	Female	4	6.58	4	10.28	4	17.25	4	32.55
50354	Male	9	6.82	9	11.73	4	19.63	4	37.90
	Female	7	6.39	7	10.80	4	19.10	4	35.90
50355	Male	8	6.25	7	10.63	5	17.24	5	33.34
	Female	4	5.58	3	9.30	3	15.97	3	31.97
50356	Male	9	7.87	9	12.20	4	20.75	4	36.23
	Female	6	6.83	6	10.67	4	18.80	4	33.78
50357	Male	6	6.72	6	11.30	4	18.45	4	34.93
	Female	9	6.53	9	10.97	4	18.13	4	35.35
50358	Male	10	5.83	10	8.98	4	16.48	4	33.68
	Female	9	5.62	7	8.41	3	15.50	3	32.63
50359	Male	8	6.94	7	11.71	4	19.50	4	37.30
	Female	7	6.41	7	10.36	4	18.05	4	34.95
50360	Male	3	6.97	3	13.20	3	20.97	3	37.00
	Female	3	7.10	3	12.53	3	18.70	3	32.53
50361	Male	4	6.60	4	10.68	4	18.38	4	36.40
	Female	10	6.41	9	11.01	4	19.08	4	36.63
50362	Male	9	7.08	9	10.37	4	18.00	4	36.08
	Female	9	6.61	9	10.04	4	17.58	4	35.18
n	Male	87		84		48		48	
	Female	87		82		45		45	
Mean	Male		6.843		11.079		18.676		35.071
	Female		6.448		10.340		17.741		33.648
S.D.	Male		0.500		1.104		1.410		2.035
	Female		0.443		1.033		1.158		1.994

Litter data on body weight of offspring

Generation : F1 Dose : DPDME 1000 mg/kg Unit : g Species : Rat

		/Postnatal Day	0		4		7		13
Dam No.	Sex	n	B.W.	n	B.W.	n	B.W.	n	B.W.
50451	Male	12	6.00	11	8.84	5	16.18	5	30.00
	Female	3	5.93	3	7.80	3	13.87	3	26.60
50452	Male	3	6.93	3	10.33	3	16.33	3	29.90
	Female	6	6.75	6	10.63	5	15.40	5	27.46
50453	Male	11	6.22	10	9.59	4	17.43	4	35.50
	Female	4	6.20	4	9.40	4	16.23	4	34.08
50454	Male	8	6.30	8	8.81	4	15.48	4	30.65
	Female	7	5.61	7	7.79	4	14.30	4	28.53
50455	Male	6	7.08	6	11.32	4	19.33	4	34.28
	Female	5	6.44	5	10.46	4	17.33	4	31.48
50456	Male	8	6.36	8	9.15	4	15.90	4	31.98
	Female	6	6.07	5	9.12	4	15.63	4	30.78
50457	Male	8	7.06	8	10.09	4	17.48	4	32.63
	Female	7	6.53	7	9.73	4	16.95	4	31.15
50458	Male	8	7.24	8	11.20	4	18.63	4	34.80
	Female	6	6.85	6	10.20	4	16.93	4	32.18
50459	Male	7	6.36	7	9.54	4	15.80	4	32.05
	Female	8	6.03	8	8.94	4	14.93	4	29.83
50460	Male	3	6.00	3	8.57	3	15.20	3	29.73
	Female	12	5.93	11	8.74	5	16.10	5	30.40
50461	Male	7	6.61	7	9.60	4	16.33	4	30.28
	Female	9	6.66	9	9.56	4	16.08	4	30.13
50462	Male	8	7.56	8	12.38	5	20.94	5	35.36
	Female	3	7.23	3	11.63	3	18.17	3	31.90
n	Male	89		87		48		48	
	Female	76		74		48		48	
Mean	Male		6.643		9.952		17.086		32.263
	Female		6.353		9.500		15.993		30.377
S.D.	Male		0.516		1.168		1.751		2.226
	Female		0.469		1.134		1.257		2.085

Litter data on anogenital distance of offspring

Generation : F1 Dose : DPDME 0 mg/kg Unit : mm Species : Rat

Dam No.	Sex	/Postnatal Day 4 n	AGD	AGD/$\sqrt[3]{BW}$
50152	Male	7	5.510	2.456
	Female	5	2.754	1.252
50153	Male	6	5.558	2.415
	Female	6	2.750	1.242
50154	Male	6	5.942	2.713
	Female	7	2.960	1.381
50155	Male	9	5.694	2.587
	Female	6	2.698	1.273
50156	Male	4	5.560	2.555
	Female	9	2.656	1.234
50157	Male	6	5.978	2.685
	Female	9	2.798	1.278
50158	Male	8	5.674	2.481
	Female	8	2.795	1.236
50159	Male	5	5.812	2.636
	Female	12	2.990	1.377
50160	Male	7	5.901	2.547
	Female	6	2.945	1.292
50161	Male	11	5.511	2.611
	Female	5	2.788	1.354
50162	Male	8	5.660	2.574
	Female	7	2.749	1.260
n	Male	77		
	Female	80		
Mean	Male		5.7091	2.5691
	Female		2.8075	1.2890
S.D.	Male		0.1737	0.0926
	Female		0.1098	0.0557

AGD : Anogenital Distance

Litter data on anogenital distance of offspring

Generation : F1 Dose : DPDME 40 mg/kg Unit : mm Species : Rat

Dam No.	Sex	/Postnatal Day 4 n	AGD	AGD/$\sqrt[3]{BW}$
50251	Male	9	5.650	2.534
	Female	5	2.840	1.308
50252	Male	10	5.542	2.635
	Female	6	2.607	1.242
50253	Male	3	5.900	2.617
	Female	9	2.909	1.320
50254	Male	11	5.596	2.599
	Female	9	2.742	1.332
50255	Male	11	5.763	2.677
	Female	6	2.752	1.318
50256	Male	8	5.966	2.623
	Female	6	3.070	1.390
50257	Male	6	6.087	2.625
	Female	8	2.994	1.295
50258	Male	9	5.544	2.617
	Female	8	2.914	1.393
50259	Male	12	5.476	2.693
	Female	2	2.780	1.400
50260	Male	9	5.453	2.498
	Female	7	2.481	1.156
50261	Male	9	6.050	2.707
	Female	9	2.850	1.322
50262	Male	7	6.349	2.606
	Female	7	3.181	1.357
n	Male	104		
	Female	82		
Mean	Male		5.7813	2.6193
	Female		2.8433	1.3194
S.D.	Male		0.2865	0.0598
	Female		0.1924	0.0687

AGD : Anogenital Distance

Litter data on anogenital distance of offspring

Generation : F1 Dose : DPDME 200 mg/kg Unit : mm Species : Rat

Dam No.	Sex	/Postnatal Day 4 n	AGD	AGD/$\sqrt[3]{BW}$
50351	Male	6	5.640	2.635
	Female	10	2.777	1.321
50352	Male	6	5.945	2.667
	Female	8	2.750	1.268
50353	Male	8	5.794	2.598
	Female	4	2.968	1.365
50354	Male	9	6.279	2.767
	Female	7	3.196	1.449
50355	Male	7	5.730	2.611
	Female	3	2.497	1.187
50356	Male	9	6.123	2.660
	Female	6	2.925	1.332
50357	Male	6	6.038	2.693
	Female	9	2.999	1.349
50358	Male	10	5.722	2.757
	Female	7	2.476	1.219
50359	Male	7	5.824	2.567
	Female	7	2.860	1.314
50360	Male	3	5.740	2.433
	Female	3	3.000	1.300
50361	Male	4	5.738	2.605
	Female	9	2.910	1.309
50362	Male	9	5.874	2.707
	Female	9	2.871	1.334
n	Male	84		
	Female	82		
Mean	Male		5.8706	2.6417
	Female		2.8524	1.3123
S.D.	Male		0.1911	0.0906
	Female		0.2062	0.0676

AGD : Anogenital Distance

Litter data on anogenital distance of offspring

Generation : F1 Dose : DPDME 1000 mg/kg Unit : mm Species : Rat

Dam No.	Sex	/Postnatal Day 4 n	AGD	AGD/$\sqrt[3]{BW}$
50451	Male	11	5.655	2.738
	Female	3	2.817	1.423
50452	Male	3	6.003	2.760
	Female	6	2.860	1.300
50453	Male	10	5.597	2.640
	Female	4	2.650	1.258
50454	Male	8	5.311	2.574
	Female	7	2.519	1.273
50455	Male	6	6.132	2.732
	Female	5	2.916	1.334
50456	Male	8	5.490	2.628
	Female	5	2.792	1.338
50457	Male	8	5.414	2.509
	Female	7	2.787	1.306
50458	Male	8	5.910	2.641
	Female	6	2.862	1.320
50459	Male	7	5.791	2.734
	Female	8	2.673	1.295
50460	Male	3	5.640	2.763
	Female	11	2.720	1.320
50461	Male	7	5.574	2.626
	Female	9	2.594	1.221
50462	Male	8	6.268	2.714
	Female	3	3.120	1.377
n	Male	87		
	Female	74		
Mean	Male		5.7321	2.6716
	Female		2.7758	1.3138
S.D.	Male		0.2939	0.0808
	Female		0.1605	0.0531

AGD : Anogenital Distance

Litter data on nipple retention of male offspring

Generation : F1 Dose : DPDME 0 mg/kg Species : Rat

		Postnatal Day 13	
Dam No.	Sex	n	Number of nipples
50152	Male	4	0.0
50153	Male	4	0.0
50154	Male	4	0.0
50155	Male	4	0.0
50156	Male	4	0.0
50157	Male	4	0.0
50158	Male	4	0.0
50159	Male	4	0.0
50160	Male	4	0.0
50161	Male	4	0.0
50162	Male	4	0.0
n	Male	44	
Mean			0.00
S.D.			0.00

Litter data on nipple retention of male offspring

Generation : F1 Dose : DPDME 40 mg/kg Species : Rat

		Postnatal Day 13	
Dam No.	Sex	n	Number of nipples
50251	Male	4	0.0
50252	Male	4	0.0
50253	Male	3	0.0
50254	Male	4	0.0
50255	Male	4	0.0
50256	Male	4	0.0
50257	Male	4	0.0
50258	Male	4	0.0
50259	Male	6	0.0
50260	Male	4	0.0
50261	Male	4	0.0
50262	Male	4	0.0
n	Male	49	
Mean			0.00
S.D.			0.00

Litter data on nipple retention of male offspring

Generation : F1 Dose : DPDME 200 mg/kg Species : Rat

		Postnatal Day 13	
Dam No.	Sex	n	Number of nipples
50351	Male	4	0.0
50352	Male	4	0.0
50353	Male	4	0.0
50354	Male	4	0.0
50355	Male	5	0.0
50356	Male	4	0.0
50357	Male	4	0.0
50358	Male	4	0.0
50359	Male	4	0.0
50360	Male	3	0.0
50361	Male	4	0.0
50362	Male	4	0.0
n	Male	48	
Mean			0.00
S.D.			0.00

Litter data on nipple retention of male offspring

Generation : F1 Dose : DPDME 1000 mg/kg Species : Rat

		Postnatal Day 13	
Dam No.	Sex	n	Number of nipples
50451	Male	5	0.0
50452	Male	3	0.0
50453	Male	4	0.0
50454	Male	4	0.0
50455	Male	4	0.0
50456	Male	4	0.0
50457	Male	4	0.0
50458	Male	4	0.0
50459	Male	4	0.0
50460	Male	3	0.0
50461	Male	4	0.0
50462	Male	5	0.0
n	Male	48	
Mean			0.00
S.D.			0.00

Serum T4 concentration of offspring
Generation : F1
Stage : Postnatal day 13
Dose : DPDME 0 mg/kg
Species : Rat

Dam No.	T4 ng/mL
50152	63.1
50153	52.1
50154	59.3
50155	57.1
50156	52.6
50157	60.3
50158	54.5
50159	56.9
50160	63.8
50161	50.7
50162	51.1
n	11
Mean	56.50
S.D.	4.70

Serum T4 concentration of offspring
Generation : F1
Stage : Postnatal day 13
Dose : DPDME 40 mg/kg
Species : Rat

Dam No.	T4 ng/mL
50251	59.9
50252	61.3
50253	60.7
50254	53.2
50255	50.8
50256	56.4
50257	66.7
50258	45.2
50259	46.1
50260	44.9
50261	46.6
50262	59.6
n	12
Mean	54.28
S.D.	7.50

Serum T4 concentration of offspring
Generation : F1
Stage : Postnatal day 13
Dose : DPDME 200 mg/kg
Species : Rat

Dam No.	T4 ng/mL
50351	53.7
50352	56.1
50353	63.3
50354	46.0
50355	53.4
50356	55.4
50357	54.6
50358	42.2
50359	49.5
50360	45.1
50361	51.2
50362	46.6
n	12
Mean	51.43
S.D.	5.87

Serum T4 concentration of offspring
Generation : F1
Stage : Postnatal day 13
Dose : DPDME 1000 mg/kg
Species : Rat

Dam No.	T4 ng/mL
50451	51.7
50452	53.8
50453	58.5
50454	45.1
50455	54.3
50456	51.3
50457	45.0
50458	47.9
50459	56.7
50460	44.6
50461	54.1
50462	50.9
n	12
Mean	51.16
S.D.	4.66

Necropsy findings of offspring
Generation : F1 Dose : DPDME 0 mg/kg Species : Rat

Dam No.	Number of live offspring examined on postnatal Day 13	/Findings	Number of dead offspring examined on postnatal Day 0-13	/Findings
50152	8	Absent	0	
50153	8	Absent	0	
50154	8	Absent	2	1, Absent (Day 0); 1, Absent (Day 3)
50155	8	Absent	0	
50156	8	Absent	1	Absent (Day 2)
50157	8	Absent	0	
50158	8	Absent	0	
50159	8	Absent	0	
50160	8	Absent	2	1, Absent (Day 3); 1, Absent (Day 4)
50161	8	Absent	0	
50162	8	Absent	1	Absent (Day 2)
Total	88		6	
n	11		4	

Necropsy findings of offspring
Generation : F1 Dose : DPDME 40 mg/kg Species : Rat

Dam No.	Number of live offspring examined on postnatal Day 13	/Findings	Number of dead offspring examined on postnatal Day 0-13	/Findings
50251	8	Absent	0	
50252	8	Absent	0	
50253	8	Absent	0	
50254	8	Absent	0	
50255	8	Absent	0	
50256	8	Absent	0	
50257	8	Absent	0	
50258	8	Absent	1	Absent (Day 3)
50259	8	Absent	2	1, Absent (Day 1); 1, Absent (Day 2)
50260	8	Absent	0	
50261	8	Absent	0	
50262	8	Absent	0	
Total	96		3	
n	12		2	

Necropsy findings of offspring
Generation : F1 Dose : DPDME 200 mg/kg Species : Rat

Dam No.	Number of live offspring examined on postnatal Day 13	/Findings	Number of dead offspring examined on postnatal Day 0-13	/Findings
50351	8	Absent	2	2, Absent (Day 0)
50352	8	Absent	1	Absent (Day 2)
50353	8	Absent	0	
50354	8	Absent	0	
50355	8	Absent	3	3, Absent (Day 0)
50356	8	Absent	0	
50357	8	Absent	0	
50358	7	Absent	1	Absent (Day 4)
50359	8	Absent	1	Absent (Day 3)
50360	6	Absent	2	2, Absent (Day 0)
50361	8	Absent	0	
50362	8	Absent	1	Absent (Day 0)
Total	93		11	
n	12		7	

Necropsy findings of offspring
Generation : F1 Dose : DPDME 1000 mg/kg Species : Rat

Dam No.	Number of live offspring examined on postnatal Day 13	/Findings	Number of dead offspring examined on postnatal Day 0-13	/Findings
50451	8	Absent	1	Absent (Day 0)
50452	8	Absent	0	
50453	8	Absent	2	1, Absent (Day 0); 1, Absent (Day 4)
50454	8	Absent	1	Absent (Day 0)
50455	8	Absent	0	
50456	8	Absent	0	
50457	8	Absent	0	
50458	8	Absent	2	2, Absent (Day 0)
50459	8	Absent	2	2, Absent (Day 0)
50460	8	Absent	1	Absent (Day 2)
50461	8	Absent	1	Absent (Day 0)
50462	8	Absent	0	
Total	96		10	
n	12		7	

SR21144

検査成績書

2021年7月29日

[redacted]

株式会社　化合物安全性研究所　御中

[redacted]

ジプロピレングリコールジメチルエーテル(異性体混合物)

規格／等級	[redacted]
Lot No.	
数量	500ml × 4

検査項目	検査成績	規格値
外観	無色、澄明の液体	無色～ほとんど無色、澄明の液体
密度(20°C)	0.904g/mL	0.898～0.908g/mL
屈折率 n 20/D	1.408	1.405～1.410
水分	0.0%	0.1%以下
含量(キャピラリーカラムGC)(異性体混合)	99.5%	98.0%以上
検査年月日	2021/04/26	

判　定	合格	検査責任者	[redacted]

(1/1)

成績書発行番号　9878718

証明書

この資料は、下記の試験の最終報告書の写しに相違ないことを証明する。

試験番号：NCAS 21-150
試験名：調製液中の 1-メトキシ-3-(3-メトキシプロポキシ)プロパンの安定性試験および濃度確認試験

株式会社日曹分析センター 小田原事業所
〒250-0216　神奈川県小田原市高田 345

資料保管部門

(署名)[redacted]　2022 年 2 月 18 日

試験場所報告書

試験場所試験名

調製液中の 1-メトキシ-3-(3-メトキシプロポキシ)プロパンの安定性試験および濃度確認試験

著 者

[redacted]

試験場所試験終了日

2022 年 2 月 18 日

試験場所

株式会社日曹分析センター 小田原事業所

〒250-0216 神奈川県小田原市高田 345

試験施設

株式会社化合物安全性研究所 安全性研究部

〒004-0839 北海道札幌市清田区真栄 363 番地 24

試験場所試験番号

NCAS 21-150

GLP 適合陳述書

試験場所試験番号： NCAS 21-150

試験場所試験名： 調製液中の 1-メトキシ-3-(3-メトキシプロポキシ)プロパンの安定性試験および濃度確認試験

この試験は、以下の GLP に従って実施した。

「新規化学物質等に係る試験を実施する試験施設に関する基準について」(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)

この試験はここに述べられた方法により行われ、この試験場所報告書は試験実施により得られた生データを正確に反映したものである。

試験主任者： [redacted] 2022 年 2 月 18 日

株式会社日曹分析センター 小田原事業所

信頼性保証書

試験場所試験番号：NCAS 21-150
試験場所試験名： 調製液中の 1-メトキシ-3-(3-メトキシプロポキシ)プロパンの安定性試験
および濃度確認試験

上記試験の信頼性保証に関する監査および査察を適用 GLP 規則および信頼性保証部門（QAU）の標準操作手順書（SOP）に基づいて実施した。監査および査察の結果は、以下の日付で運営管理者、試験責任者、主信頼性保証部門責任者、試験場所管理責任者および試験主任者へ報告した。

監査または査察項目	日付（月／日／年）	
	監査または査察日	報告日
試験場所計画書	10/20/2021	10/20/2021
実験操作		
・赤外吸収スペクトル測定	10/26, 28/2021	10/29/2021
・標準原液の調製	10/26, 29/2021	10/29/2021
・標準溶液の調製	10/26, 29/2021	10/29/2021
・被験溶液の調製（安定性試験）	10/26, 29/2021	10/29/2021
・GC 測定	10/26, 29/2021	10/29/2021
・調製液の受領	11/1/2021	11/1/2021
・被験溶液の調製（濃度測定）	11/2, 4/2021	11/4/2021
生データおよび試験関連資料	2/1-8/2022	2/10/2022
試験場所報告書草案	2/1-8/2022	2/10/2022
試験場所報告書	2/18/2022	2/18/2022

QAU は上記監査および査察の結果、本試験が試験計画書および SOP に従って実施され、報告された方法や手順が実際に使われたものであり、試験の実施過程において得られた生データが正確に試験場所報告書に反映されていることを確認した。

試験場所 QAU 責任者 [redacted] 2022年 2月 18日

株式会社日曹分析センター（NCAS）

試験情報

試験番号： SR21144
試験場所試験番号： NCAS 21-150
試験名： 1-メトキシ-3-(3-メトキシプロポキシ)プロパンのラットにおける反復投与毒性・生殖発生毒性併合試験
試験場所試験名： 調製液中の 1-メトキシ-3-(3-メトキシプロポキシ)プロパンの安定性試験および濃度確認試験
試験場所報告書番号： NCAS 21-150

試験施設： 株式会社化合物安全性研究所 安全性研究部
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試験責任者：
試験主任者：
試験従事者：
[redacted]

委託された試験段階：被験物質の安定性、投与液の安定性および濃度分析

試験開始日： 2021 年 10 月 12 日
試験場所試験開始日： 2021 年 10 月 20 日
実験開始日： 2021 年 10 月 26 日
実験終了日： 2022 年 1 月 18 日
試験場所試験終了日： 2022 年 2 月 18 日

適用ガイドライン：なし

関連する試験： 試験番号：NCAS 21-149NG
試験名：調製液中の 1-メトキシ-3-(3-メトキシプロポキシ)プロパンの分析法検討および分析法確認試験
試験責任者：[redacted]

試資料保管： 本試験場所試験に関する全ての文書は、当試験場所の資料室に該当通知後 10 年間保管する。その後の保管場所については、試験施設と協議して決定する。測定対象物質(保管用サンプル)は該当通知後 10 年間保管する。ただし、その品質が評価に耐えられなくなった場合はそれまでとする。

SOP および試験計画書からの逸脱：

本試験において、SOP および試験計画書からの逸脱はなかった。

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：

本試験において、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。

目次

表紙 1
GLP 適合陳述書 2
信頼性保証書 3
試験情報 4
目次 6
概要 8
緒言 9
実験材料および方法 9
1. 測定対象物質 9
2. 試薬および機器 9
3. 調製液 9
4. 実験操作 10
結果および考察 14
結論 15

Table 1 Results of the standard solutions 16
Table 2 Results of the content ratio of the isomer of the standard solutions 16
Table 3 Results of the stability of the test article (Dipropylene Glycol Dimethyl Ether) concentrations in the dosing solutions 17
Table 4 Results of the content ratio of the stability of the test article (Dipropylene Glycol Dimethyl Ether) concentrations in the dosing solutions 17
Table 5 Results of the determination of the test article (Dipropylene Glycol Dimethyl Ether) concentrations in the dosing solutions 18
Table 6 Results of the content ratio of the determination of the test article (Dipropylene Glycol Dimethyl Ether) concentrations in the dosing solutions 18

Fig. 1 IR spectrum of the test article for the stability test (analyzed date: October 26, 2021). 19
Fig. 2 IR spectrum of the test article for the stability test (analyzed date: January 18, 2022). 19
Fig. 3 Typical calibration plot and regression line (analyzed date: October 26, 2021). 20
Fig. 4 Typical chromatogram of methanol. 21
Fig. 5 Typical chromatogram of the standard solutions (No. 1026SS40). 22
Fig. 6 Typical chromatogram of the standard solutions (No. 1026SS50). 23
Fig. 7 Typical chromatogram of the standard solutions (No. 1026S75). 24
Fig. 8 Typical chromatogram of the standard solutions (No. 1026SS100). 25
Fig. 9 Typical chromatogram of the standard solutions (No. 1026SS150). 26
Fig. 10 Typical chromatogram of the control solutions (No. 1026CS). 27
Fig. 11 Typical chromatogram of the test solutions (No. 1026DS2-1). 28
Fig. 12 Typical chromatogram of the test solutions (No. 1102DS2-1). 29
Fig. 13 Typical chromatogram of the test solutions (No. 1026DS100-1). 30

Fig. 14 Typical chromatogram of the test solutions (No. 1102DS100-1). 31
Fig. 15 Typical chromatogram of the test solutions (No. 1102P1-1). 32
Fig. 16 Typical chromatogram of the test solutions (No. 1102P2-1). 33
Fig. 17 Typical chromatogram of the test solutions (No. 1102P3-1). 34

概要

株式会社化合物安全性研究所で実施された 1-メトキシ-3-(3-メトキシプロポキシ)プロパンのラットにおける反復投与毒性・生殖発生毒性併合試験で得られた、調製液中の 1-メトキシ-3-(3-メトキシプロポキシ)プロパンの安定性試験および濃度確認試験を実施した。

測定対象物質の送付状、検査成績書、試薬瓶ラベル、および化合物管理シートにより、測定対象物質の名称、CAS No.、ロット番号の一致を確認し、測定対象物質の同一性確認とした。

2021 年 10 月 26 日に FT-IR(ATR 法)を用いて測定対象物質の IR スペクトルを測定した。

調製液中の 1-メトキシ-3-(3-メトキシプロポキシ)プロパンの安定性を確認するため、2 mg/mL および 100 mg/mL 模擬調製液を 2021 年 10 月 26 日に試験場所で調製し、ガスクロマトグラフ(GC)を用いて調製直後の測定対象物質濃度を確認した。これら模擬調製液を冷蔵で 6 日間および室温で 20 時間保存した。2021 年 11 月 2 日に GC を用いて保存後の測定対象物質濃度を確認した。調製直後および保存後の模擬調製液中の測定対象物質濃度を比較して、残存率を算出した結果、2 mg/mL 模擬調製液の残存率は 97.3%、100 mg/mL 模擬調製液の残存率は 98.3%であり、判定基準(100%±15%以内)を満たした。

以上の結果、2 mg/mL および 100 mg/mL 模擬調製液中の 1-メトキシ-3-(3-メトキシプロポキシ)プロパンは調製後、冷蔵保存 6 日間および室温保存 20 時間後まで安定であることを確認した。

試験施設が実施する毒性試験における初回および最終回投与に用いた調製液を、試験施設より 2021 年 11 月 1 日 (分析日：2021 年 11 月 2 日) および 2021 年 11 月 29 日(分析日：2021 年 11 月 29 日)に受領し、それら調製液中の測定対象物質の濃度確認試験を、GC を用いて行った。調製液中の測定対象物質濃度の平均値および相対標準偏差は設定濃度±15%以内および 15%以内であり、判定基準を満たした(下表参照)。

以上の結果、調製液中の 1-メトキシ-3-(3-メトキシプロポキシ)プロパンが設定濃度に調製されていることを確認した。

標準溶液、模擬調製液および調製液中の 1-メトキシ-3-(3-メトキシプロポキシ)プロパンの異性体混合物の含有比率を GC クロマトグラムのピーク面積値から算出した。比率の変化の絶対値は 5%未満であった。

以上の結果、標準溶液、模擬調製液および調製液中の 1-メトキシ-3-(3-メトキシプロポキシ)プロパンの異性体混合物の含有比率に変化はないことを確認した。

試験施設が実施する毒性試験(試験番号 SR21144)における最終投与日以降の 2022 年 1 月 18 日に、測定対象物質の IR スペクトルを測定し、2021 年 10 月 26 日に測定した IR スペクトルと比較した。両者の IR スペクトルは一致しており、実験期間中の測定対象物質が安定であったことを確認した。

Received date	Nominal concentration (mg/mL)	Determined concentration		Criteria	
		Mean (mg/mL)	RSD* (%)	Mean conc. (mg/mL)	RSD* (%)
November 1, 2021	4	4.005	0.4	4 ± 0.6	≦15
	20	20.34	0.8	20 ± 3	≦15
	100	100.8	0.4	100 ± 15	≦15
November 29, 2021	4	4.175	1.0	4 ± 0.6	≦15
	20	19.99	3.4	20 ± 3	≦15
	100	102.3	0.2	100 ± 15	≦15

* relative standard deviations

緒言

株式会社化合物安全性研究所で実施された 1-メトキシ-3-(3-メトキシプロポキシ)プロパンのラットにおける反復投与毒性・生殖発生毒性併合試験で得られた、調製液中の 1-メトキシ-3-(3-メトキシプロポキシ)プロパンの安定性試験・濃度確認試験および 1-メトキシ-3-(3-メトキシプロポキシ)プロパンの同一性確認・安定性確認を実施した。

実験材料および方法

1. 測定対象物質

名称： 1-メトキシ-3-(3-メトキシプロポキシ)プロパン
別名： ジプロピレングリコールジメチルエーテル(異性体混合物)
CAS No.： 111109-77-4
分子式： $C_8H_{18}O_3$
分子量： 162.23
ロット番号：
入手先：
入手日： 2021 年 8 月 19 日
純度： 99.5% ([redacted]検査成績書)
有効期限： 2022 年 8 月 19 日
入手量： 452 g (500 mL)
NCAS 検索番号： STD-1797
保存条件： 褐色ガラス瓶、冷蔵
外観： 無色、澄明の液体

2. 試薬および機器

精製水： 日本薬局方精製水、日医工(株)
メタノール： HPLC 用、富士フイルム和光純薬(株)
天秤： XPR225、メトラー・トレド(株)
冷凍冷蔵庫： FKEX-5000、日本フリーザー(株)
サーモレコーダー： RTR-52、(株)ティアンドデイ
フーリエ変換赤外分光光度計(FT-IR)：Nicolet Summit、Thermo Fisher SCIENTIFIC(株)
ガスクロマトグラフ(GC)：Agilent 7890 GC、Agilent Technologies
水素発生装置： NM-H100、(株)エアーテック
カラム： HP-5MS、30 m×0.25 mm i.d.、膜厚 0.25 μm、Serial No. USC228822H、Agilent Technologies

3. 調製液

2021 年 11 月 1 日および 2021 年 11 月 29 日に、毒性試験施設で調製した 4、20 および 100 mg/mL の調製液

を冷蔵条件で受領した。受領した試料を即日分析しない場合は冷蔵保存した。分析終了後、残余試料は試験委託者の了解を得て廃棄した。

	調製日（毒性試験施設）	受領日（試験場所）	分析日（試験場所）
初回調製	2021 年 10 月 29 日	2021 年 11 月 1 日	2021 年 11 月 2 日
最終回調製	2021 年 11 月 25 日	2021 年 11 月 29 日	2021 年 11 月 29 日

4. 実験操作

測定対象物質は構造異性体混合物であり、GC 分析において複数のピークが検出された。そのため、保持時間 2.1 分付近の 2 つの主ピークの面積値の合計を測定対象物質のピーク面積値として定量した。

また、標準溶液および被験溶液は調製後直ちに分析を実施した。

4.1. IR 測定

2021 年 10 月 26 日に、次の条件で測定対象物質の IR スペクトルを測定した。測定は室温で実施した。

<FT-IR 測定条件>

測定法： ATR 法
測定波数： 4000～400 cm^{-1}
分解能： 4 cm^{-1}
積算回数： 4 回

4.2. 測定対象物質の安定性

試験施設が実施する毒性試験（試験番号 SR21144）における最終投与日以降に、FT-IR（ATR 法）を用いて測定対象物質の IR スペクトルを測定し、4.1 項にて測定したスペクトルと比較した。スペクトルが一致した場合、実験期間中の測定対象物質は安定であったと判断した。

2022 年 1 月 18 日に、4.1 項に記載の条件で IR スペクトルを測定した。測定は室温で実施した。

4.3. GC 条件

GC： Agilent 7890 GC
カラム： HP-5MS、30 m×0.25 mm i.d.、膜厚 0.25 μm、Agilent Technologies
注入方法： スプリット（スプリット比 25:1）
注入口温度： 240 °C
注入量： 1 μL
検出器： FID
検出器温度： 300 °C
検出器ガス： 水素 30 mL/min、空気 400 mL/min
メークアップガス： ヘリウム 23 mL/min
キャリアガス： ヘリウム 2 mL/min
オーブン温度： 初期温度 100 °C（0.5 分間保持）
昇温 100→160 °C（20 °C /min）
昇温 160→240 °C（40 °C /min）
最終温度 240 °C（2.5 分間保持）

4.4. 標準溶液の調製

測定対象物質約 100 mg を 10 mL 容メスフラスコに秤量し、精製水を加えて溶解および定容し、標準原液 No. ST10000 を調製した。測定対象物質の純度は 99.5%([redacted]検査成績書情報)であることから、純度補正を行った。この液を次表に従いメタノールで希釈して標準溶液 No. SS40～SS150 を調製した。標準原液および標準溶液は用時調製とし、ID の頭に「調製した月日」を付して認識した。濃度の有効数字は 4 桁とした。

Standard solution No.	Source solution		Dilution volume (mL)	Nominal concentration (mg/L)
	No.	Volume (mL)		
SS40	SS100	4	10	40
SS50	SS100	5	10	50
SS75	SS150	5	10	75
SS100	ST10000	1	100	100
SS150	ST10000	1.5	100	150

4.5. 検量線

標準溶液を 4.3 項に示す GC 条件で分析し、得られたクロマトグラム上の測定対象物質のピーク面積を得た。得られたピーク面積を縦軸に、測定対象物質濃度(mg/L)を横軸としてグラフを作成するとともに、回帰直線の傾き、y 切片及び相関係数(r)を算出した。計算には Microsoft Office Excel 2019 を用いた。

4.6. 調製液中の 1-メトキシ-3-(3-メトキシプロポキシ)プロパンの濃度測定

3 項の調製液を以下のように希釈して被験溶液を調製した。別に、精製水 1 mL にメタノールを加えて 20 mL として対照溶液とした(ID : CS、n=1、20 倍希釈)。被験溶液および対照溶液は均一にするために十分に転倒混和して調製した。なお、被験溶液および対照溶液には ID の頭に「調製した月日」を付して識別した。

<u>4 mg/mL 調製液</u>

4 mg/mL 調製液 1 mL にメタノールを加えて 50 mL として被験溶液とした。(n=2、50 倍希釈)

<u>20 mg/mL 調製液</u>

20 mg/mL 調製液 1 mL にメタノールを加えて 20 mL とした。この液 1 mL にメタノールを加えて 10 mL として被験溶液とした。(n=2、200 倍希釈)

<u>100 mg/mL 調製液</u>

100 mg/mL 調製液 1 mL にメタノールを加えて 50 mL とした。この液 1 mL にメタノールを加えて 20 mL として被験溶液とした。(n=2、1000 倍希釈)

被験溶液および対照溶液を 4.3 項に示す GC 条件で分析し、得られたクロマトグラム上の測定対象物質のピーク面積を得た。予め作成した検量線より、被験溶液中の測定対象物質濃度を算出した。濃度の有効数字は 4 桁とした。次式を用いて調製液中の測定対象物質濃度を求めた。また、調製液中の測定対象物質濃度の平均値および相対標準偏差を求めた。判定基準は、平均値が設定濃度±15%以内および相対標準偏差が 15%以内とした。

Received date	Dosing solution		Dilution factor	Test solution	
	Nominal conc. (mg/mL)	No.		Nominal conc. (mg/L)	No.
November 1, 2021	4	P1	50	80	1102P1-1, 1102P1-2
	20	P2	200	100	1102P2-1, 1102P2-2
	100	P3	1000	100	1102P3-1, 1102P3-2
November 29, 2021	4	P4	50	80	1129P4-1, 1129P4-2
	20	P5	200	100	1129P5-1, 1129P5-2
	100	P6	1000	100	1129P6-1, 1129P6-2

$$\text{調製液中の測定対象物質濃度 (mg/mL)} = \frac{\text{被験溶液中の測定対象物質濃度 (mg/L)} \times \text{希釈倍率}}{1000}$$

4.7. 調製液中の1-メトキシ-3-(3-メトキシプロポキシ)プロパンの安定性確認

測定対象物質の48.11 mgおよび2086.77 mgをそれぞれ20 mL容メスフラスコに秤量し、精製水を加えて溶解および定容し、2 mg/mL模擬調製液No. DS2および100 mg/mL模擬調製液No. DS100を調製した。模擬調製液を次のように希釈して被験溶液を調製した。別に、精製水1 mLにメタノールを加えて20 mLとして対照溶液を調製した(ID：CS、n=1、20倍希釈)。

模擬調製液、被験溶液および対照溶液は均一にするために十分に転倒混和して調製した。なお、被験溶液および対照溶液にはIDの頭に「調製した月日」を付して識別した。

<u>2 mg/mL模擬調製液</u>

2 mg/mL模擬調製液1 mLにメタノールを加えて20 mLとして被験溶液とした。(n=2、20倍希釈)

<u>100 mg/mL模擬調製液</u>

100 mg/mL模擬調製液1 mLにメタノールを加えて50 mLとした。この液1 mLにメタノールを加えて20 mLとして被験溶液とした。(n=2、1000倍希釈)

被験溶液および対照溶液を4.3項に示すGC条件で分析し、得られたクロマトグラム上の測定対象物質のピーク面積を得た。予め作成した検量線より、被験溶液中の測定対象物質濃度を算出した。濃度の有効数字は4桁とした。次式を用いて調製直後の模擬調製液中の測定対象物質濃度を求めた。

$$\text{模擬調製液中の測定対象物質濃度 (mg/mL)} = \frac{\text{被験溶液中の測定対象物質濃度 (mg/L)} \times \text{希釈倍率}}{1000}$$

2 mg/mLおよび100 mg/mL模擬調製液を冷蔵6日間および室温20時間保存した。保存後の模擬調製液中の測定対象物質濃度を上記と同様に算出し、次式を用いて残存率を求めた。判定基準は残存率100%±15%以内とした。

$$\text{残存率 (\%)} = \frac{\text{保存後の測定対象物質平均濃度}}{\text{調製直後の測定対象物質平均濃度}} \times 100$$

4.8. 1-メトキシ-3-(3-メトキシプロポキシ)プロパンの異性体混合物の含有比率の確認

測定対象物質の保持時間 2.1 分付近の 2 つの主ピークの面積値から異性体混合物の含有比率を算出した。各分析日の測定試料間の比率の変化の絶対値が 5%以内の場合、異性体混合物の含有比率に変化はないと判断した。

結果および考察

1-メトキシ-3-(3-メトキシプロポキシ)プロパンの同一性確認・安定性確認および調製液中の 1-メトキシ-3-(3-メトキシプロポキシ)プロパンの安定性試験・濃度確認を実施した結果を以下に示す。

測定対象物質の同一性

測定対象物質の送付状、検査成績書、試薬瓶ラベル、および化合物管理シートにより、測定対象物質の名称、CAS No.、ロット番号の一致を確認した。したがって、同一性を確認した。

測定対象物質の安定性

実験開始時の 2021 年 10 月 26 日に測定した測定対象物質の IR スペクトルを Fig. 1 に示す。試験施設が実施する毒性試験における最終投与日以降である 2022 年 1 月 18 日に測定した測定対象物質の IR スペクトルを Fig. 2 に示す。両者を比較した結果、IR スペクトルは一致しており、実験期間中の測定対象物質が安定であったことを確認した。

調製液中の 1-メトキシ-3-(3-メトキシプロポキシ)プロパンの安定性確認

標準溶液の測定結果を Table 1 に示す。模擬調製液中の測定対象物質の濃度測定結果を Table 3 に示す。検量線の一例を Fig. 3 に示す。メタノールのクロマトグラム例を Fig. 4 に示す。標準溶液のクロマトグラム例を Fig. 5～Fig. 9 に示す。対照溶液のクロマトグラム例を Fig. 10 に示す。被験溶液のクロマトグラム例を Fig. 11～Fig. 14 に示す。

模擬調製液を冷蔵(4.0～4.9 ℃)で 6 日間、室温(21.3～23.3 ℃)で 20 時間保存した結果、2 mg/mL 模擬調製液の残存率は 97.3%、100 mg/mL 模擬調製液の残存率は 98.3%であり、判定基準(100%±15%以内)を満たした。

以上の結果、2 mg/mL および 100 mg/mL 模擬調製液中の 1-メトキシ-3-(3-メトキシプロポキシ)プロパンは調製後、冷蔵 6 日間および室温 20 時間後まで安定であることを確認した。

調製液中の 1-メトキシ-3-(3-メトキシプロポキシ)プロパンの濃度測定

調製液中の測定対象物質の濃度測定結果を Table 5 に示す。被験溶液のクロマトグラム例を Fig. 15～Fig. 17 に示す。

調製液中の測定対象物質濃度の平均値および相対標準偏差は設定濃度±15%以内および 15%以内であり、判定基準を満たした。

以上の結果、調製液中の 1-メトキシ-3-(3-メトキシプロポキシ)プロパンが設定濃度に調製されていることを確認した。

測定対象物質の異性体混合物の含有比率の確認

標準溶液、模擬調製液および調製液中の測定対象物質の異性体混合物の含有比率算出結果を Table 2、Table 4 および Table 6 に示す。いずれも比率の変化の絶対値が 5%以内であった。

以上の結果、異性体混合物の含有比率に変化はないことを確認した。

結論

本試験において、FT-IR(ATR 法)を用いて 1-メトキシ-3-(3-メトキシプロポキシ)プロパンの安定性を確認した。また、GC を用いて調製液中の 1-メトキシ-3-(3-メトキシプロポキシ)プロパンが設定濃度に調製されていること、2 mg/mL および 100 mg/mL 模擬調製液の安定性(冷蔵保存 6 日間および室温保存 20 時間安定)を確認した。標準溶液、模擬調製液および調製液中の測定対象物質の異性体混合の含有比率に変化がないことを確認した。

Table 1 Results of the standard solutions

Experiment	Standard solution No.	Concentration (mg/L)	Total peak area	Regression equation Correlation coefficient
Stability of the dipropylene glycol dimethyl ether concentration in the dosing solution	1026SS40	49.30	14.1913	Regression equation: y = 0.2892 x + 0.03514 Correlation coefficient: 0.9997 (analyzed date: October 26, 2021)
	1026SS50	61.62	17.4552	
	1026SS75	92.43	27.2090	
	1026SS100	123.2	36.0533	
	1026SS150	184.9	53.1982	
	1102SS40	42.08	12.3400	Regression equation: y = 0.2947x − 0.1522 Correlation coefficient: 0.9999 (analyzed date: November 2, 2021)
	1102SS50	52.60	15.4598	
	1102SS75	78.89	22.9549	
	1102SS100	105.2	30.6386	
	1102SS150	157.8	46.4991	
Determination of the dipropylene glycol dimethyl ether concentration in the dosing solution	1102SS40	42.08	12.3400	Regression equation: y = 0.2947x − 0.1522 Correlation coefficient: 0.9999 (analyzed date: November 2, 2021)
	1102SS50	52.60	15.4598	
	1102SS75	78.89	22.9549	
	1102SS100	105.2	30.6386	
	1102SS150	157.8	46.4991	
	1129SS40	42.69	12.4813	Regression equation: y = 0.2853 x + 0.3456 Correlation coefficient: 0.9995 (analyzed date: November 29, 2021)
	1129SS50	53.36	15.6540	
	1129SS75	80.04	22.6663	
	1129SS100	106.7	31.4720	
	1129SS150	160.1	45.7914	

Table 2 Results of the content ratio of the isomer of the standard solutions

Experiment	Standard solution No.	Concentration (mg/L)	Peak area 1	Peak area 2	Total peak area	Content ratio (%)	
						Peak 1	Peak 2
Stability of the dipropylene glycol dimethyl ether concentration in the dosing solution	1026SS40	49.30	6.6136	7.5777	14.1913	46.6	53.4
	1026SS50	61.62	8.1411	9.3141	17.4552	46.6	53.4
	1026SS75	92.43	12.6997	14.5093	27.2090	46.7	53.3
	1026SS100	123.2	16.8135	19.2398	36.0533	46.6	53.4
	1026SS150	184.9	24.8033	28.3949	53.1982	46.6	53.4
	1102SS40	42.08	5.7517	6.5883	12.3400	46.6	53.4
	1102SS50	52.60	7.2014	8.2584	15.4598	46.6	53.4
	1102SS75	78.89	10.6984	12.2565	22.9549	46.6	53.4
	1102SS100	105.2	14.2810	16.3576	30.6386	46.6	53.4
	1102SS150	157.8	21.6577	24.8414	46.4991	46.6	53.4
Determination of the dipropylene glycol dimethyl ether concentration in the dosing solution	1102SS40	42.08	5.7517	6.5883	12.3400	46.6	53.4
	1102SS50	52.60	7.2014	8.2584	15.4598	46.6	53.4
	1102SS75	78.89	10.6984	12.2565	22.9549	46.6	53.4
	1102SS100	105.2	14.2810	16.3576	30.6386	46.6	53.4
	1102SS150	157.8	21.6577	24.8414	46.4991	46.6	53.4
	1129SS40	42.69	5.8108	6.6705	12.4813	46.6	53.4
	1129SS50	53.36	7.2927	8.3613	15.6540	46.6	53.4
	1129SS75	80.04	10.5714	12.0949	22.6663	46.6	53.4
	1129SS100	106.7	14.6665	16.8055	31.4720	46.6	53.4
	1129SS150	160.1	21.3167	24.4747	45.7914	46.6	53.4

Table 3 Results of the stability of the test article (Dipropylene Glycol Dimethyl Ether) concentrations in the dosing solutions

Test solution No.	Storage	Prepared conc. (mg/mL)	Dilution factor	Total peak area	Detected conc. (mg/L)	Determined conc. (mg/mL)		Residual rate (%)
						Individual	Mean	
1026DS2-1	Before*	2.393	20	35.4232	122.3	2.447	2.444	97.3
1026DS2-2				35.3309	122.0	2.441		
1102DS2-1	After*			34.8663	118.8	2.376	2.378	
1102DS2-2				34.9225	119.0	2.380		
1026DS100-1	Before*	103.8	1000	30.7288	106.1	106.1	105.4	98.3
1026DS100-2				30.3241	104.7	104.7		
1102DS100-1	After*			30.3338	103.4	103.4	103.6	
1102DS100-2				30.4114	103.7	103.7		

*Before: October 26, 2021, After: November 2, 2021

$$\text{Residual rate (\%)} = \frac{\text{Dipropylene Glycol Dimethyl Ether mean concentration after storage}}{\text{Dipropylene Glycol Dimethyl Ether mean concentration before storage}} \times 100$$

Table 4 Results of the content ratio of the stability of the test article (Dipropylene Glycol Dimethyl Ether) concentrations in the dosing solutions

Test solution No.	Storage	Prepared conc. (mg/mL)	Peak area 1	Peak area 2	Total peak area	Content ratio (%)	
						Peak 1	Peak 2
1026DS2-1	Before*	2.393	16.5442	18.8790	35.4232	46.7	53.3
1026DS2-2			16.5124	18.8185	35.3309	46.7	53.3
1102DS2-1	After*		16.2325	18.6338	34.8663	46.6	53.4
1102DS2-2			16.2770	18.6455	34.9225	46.6	53.4
1026DS100-1	Before*	103.8	14.3174	16.4114	30.7288	46.6	53.4
1026DS100-2			14.1558	16.1683	30.3241	46.7	53.3
1102DS100-1	After*		14.1385	16.1953	30.3338	46.6	53.4
1102DS100-2			14.1758	16.2356	30.4114	46.6	53.4

*Before: October 26, 2021, After: November 2, 2021

Table 5 Results of the determination of the test article (Dipropylene Glycol Dimethyl Ether) concentrations in the dosing solutions

Received date	Test solution No.	Nominal conc. (mg/mL)	Dilution factor	Total peak area	Detected conc. (mg/L)	Determined conc.			Criteria	
						Individual (mg/mL)	Mean (mg/mL)	RSD (%)	Mean (mg/mL)	RSD (%)
November 1, 2021	1102P1-1	4	50	23.5314	80.36	4.018	4.005	0.4	4±0.6	≦15
	1102P1-2			23.3819	79.86	3.993				
	1102P2-1	20	200	29.9905	102.3	20.46	20.34	0.8	20±3	≦15
	1102P2-2			29.6599	101.2	20.23				
	1102P3-1	100	1000	29.6302	101.1	101.1	100.8	0.4	100±15	≦15
	1102P3-2			29.4687	100.5	100.5				
November 29, 2021	1129P4-1	4	50	23.9955	82.90	4.145	4.175	1.0	4±0.6	≦15
	1129P4-2			24.3366	84.10	4.205				
	1129P5-1	20	200	29.5499	102.4	20.47	19.99	3.4	20±3	≦15
	1129P5-2			28.1657	97.52	19.50				
	1129P6-1	100	1000	29.4890	102.2	102.2	102.3	0.2	100±15	≦15
	1129P6-2			29.5683	102.4	102.4				

Table 6 Results of the content ratio of the determination of the test article (Dipropylene Glycol Dimethyl Ether) concentrations in the dosing solutions

Received date	Test solution No.	Nominal conc. (mg/mL)	Peak area 1	Peak area 2	Total peak area	Content ratio (%)	
						Peak 1	Peak 2
November 1, 2021	1102P1-1	4	10.9639	12.5675	23.5314	46.6	53.4
	1102P1-2		10.8944	12.4875	23.3819	46.6	53.4
	1102P2-1	20	13.9691	16.0214	29.9905	46.6	53.4
	1102P2-2		13.8273	15.8326	29.6599	46.6	53.4
	1102P3-1	100	13.8132	15.8170	29.6302	46.6	53.4
	1102P3-2		13.7370	15.7317	29.4687	46.6	53.4
November 29, 2021	1129P4-1	4	11.1834	12.8121	23.9955	46.6	53.4
	1129P4-2		11.3340	13.0026	24.3366	46.6	53.4
	1129P5-1	20	13.7676	15.7823	29.5499	46.6	53.4
	1129P5-2		13.1233	15.0424	28.1657	46.6	53.4
	1129P6-1	100	13.7345	15.7545	29.4890	46.6	53.4
	1129P6-2		13.7748	15.7935	29.5683	46.6	53.4

Fig. 1 IR spectrum of the test article for the stability test (analyzed date: October 26, 2021).

Fig. 2 IR spectrum of the test article for the stability test (analyzed date: January 18, 2022).

Fig. 3 Typical calibration plot and regression line (analyzed date: October 26, 2021).

<Result>

#	Time	Area	Area %	Name
1	0.000	0.0000	0.00	
2	0.000	0.0000	0.00	1-ﾒﾄｷｼ-3-(3-ﾒﾄｷｼﾌﾟﾛﾎﾟｷｼ)ﾌﾟﾛﾊﾟﾝ
3	0.000	0.0000	0.00	1-ﾒﾄｷｼ-3-(3-ﾒﾄｷｼﾌﾟﾛﾎﾟｷｼ)ﾌﾟﾛﾊﾟﾝ

Fig. 4 Typical chromatogram of methanol.

<Result>

#	Time	Area	Area %	Name
1	0.000	0.0000	0.00	
2	2.083	6.6136	46.60	1-メトキシ-3-(3-メトキシプロポキシ)プロパン
3	2.143	7.5777	53.40	1-メトキシ-3-(3-メトキシプロポキシ)プロパン

Fig. 5 Typical chromatogram of the standard solutions (No. 1026SS40).

<Result>

#	Time	Area	Area %	Name
1	0.000	0.0000	0.00	
2	2.082	8.1411	46.64	1-メトキシ-3-(3-メトキシプロポキシ)プロパン
3	2.143	9.3141	53.36	1-メトキシ-3-(3-メトキシプロポキシ)プロパン

Fig. 6 Typical chromatogram of the standard solutions (No. 1026SS50).

<Result>

#	Time	Area	Area %	Name
1	0.000	0.0000	0.00	
2	2.084	12.6997	46.67	1-メトキシ-3-(3-メトキシプロポキシ)プロパン
3	2.144	14.5093	53.33	1-メトキシ-3-(3-メトキシプロポキシ)プロパン

Fig. 7 Typical chromatogram of the standard solutions (No. 1026S75).

<Result>

#	Time	Area	Area %	Name
1	1.996	0.7266	1.98	
2	2.084	16.8135	45.71	1-ﾒﾄｷｼ-3-(3-ﾒﾄｷｼﾌﾟﾛﾎﾟｷｼ)ﾌﾟﾛﾊﾟﾝ
3	2.143	19.2398	52.31	1-ﾒﾄｷｼ-3-(3-ﾒﾄｷｼﾌﾟﾛﾎﾟｷｼ)ﾌﾟﾛﾊﾟﾝ

Fig. 8 Typical chromatogram of the standard solutions (No. 1026SS100).

<Result>

#	Time	Area	Area %	Name
1	1.992	1.0387	1.92	
2	2.083	24.8033	45.73	1-ﾒﾄｷｼ-3-(3-ﾒﾄｷｼﾌﾟﾛﾎﾟｷｼ)ﾌﾟﾛﾊﾟﾝ
3	2.142	28.3949	52.35	1-ﾒﾄｷｼ-3-(3-ﾒﾄｷｼﾌﾟﾛﾎﾟｷｼ)ﾌﾟﾛﾊﾟﾝ

Fig. 9 Typical chromatogram of the standard solutions (No. 1026SS150).

<Result>

#	Time	Area	Area %	Name
1	0.000	0.0000	0.00	
2	0.000	0.0000	0.00	1-ﾒﾄｷｼ-3-(3-ﾒﾄｷｼﾌﾟﾛﾎﾟｷｼ)ﾌﾟﾛﾊﾟﾝ
3	0.000	0.0000	0.00	1-ﾒﾄｷｼ-3-(3-ﾒﾄｷｼﾌﾟﾛﾎﾟｷｼ)ﾌﾟﾛﾊﾟﾝ

Fig. 10 Typical chromatogram of the control solutions (No. 1026CS).

<Result>

#	Time	Area	Area %	Name
1	0.000	0.0000	0.00	
2	2.086	16.5442	46.70	1-メトキシ-3-(3-メトキシプロポキシ)プロパン
3	2.146	18.8790	53.30	1-メトキシ-3-(3-メトキシプロポキシ)プロパン

Fig. 11 Typical chromatogram of the test solutions (No. 1026DS2-1).

<Result>

#	Time	Area	Area %	Name
1	1.978	0.6753	1.90	
2	2.067	16.2325	45.67	1-メトキシ-3-(3-メトキシプロポキシ)プロパン
3	2.126	18.6338	52.43	1-メトキシ-3-(3-メトキシプロポキシ)プロパン

Fig. 12 Typical chromatogram of the test solutions (No. 1102DS2-1).

<Result>

#	Time	Area	Area %	Name
1	1.995	0.6174	1.97	
2	2.083	14.3174	45.68	1-ﾒﾄｷｼ-3-(3-ﾒﾄｷｼﾌﾟﾛﾎﾟｷｼ)ﾌﾟﾛﾊﾟﾝ
3	2.143	16.4114	52.36	1-ﾒﾄｷｼ-3-(3-ﾒﾄｷｼﾌﾟﾛﾎﾟｷｼ)ﾌﾟﾛﾊﾟﾝ

Fig. 13 Typical chromatogram of the test solutions (No. 1026DS100-1).

<Result>

#	Time	Area	Area %	Name
1	1.978	0.5237	1.70	
2	2.067	14.1385	45.82	1-ﾒﾄｷｼ-3-(3-ﾒﾄｷｼﾌﾟﾛﾎﾟｷｼ)ﾌﾟﾛﾊﾟﾝ
3	2.126	16.1953	52.48	1-ﾒﾄｷｼ-3-(3-ﾒﾄｷｼﾌﾟﾛﾎﾟｷｼ)ﾌﾟﾛﾊﾟﾝ

Fig. 14 Typical chromatogram of the test solutions (No. 1102DS100-1).

<Result>

#	Time	Area	Area %	Name
1	0.000	0.0000	0.00	
2	2.068	10.9639	46.59	1-メトキシ-3-(3-メトキシプロポキシ)プロパン
3	2.127	12.5675	53.41	1-メトキシ-3-(3-メトキシプロポキシ)プロパン

Fig. 15 Typical chromatogram of the test solutions (No. 1102P1-1).

<Result>

#	Time	Area	Area %	Name
1	0.000	0.0000	0.00	
2	2.069	13.9691	46.58	1-ﾒﾄｷｼ-3-(3-ﾒﾄｷｼﾌﾟﾛﾎﾟｷｼ)ﾌﾟﾛﾊﾟﾝ
3	2.128	16.0214	53.42	1-ﾒﾄｷｼ-3-(3-ﾒﾄｷｼﾌﾟﾛﾎﾟｷｼ)ﾌﾟﾛﾊﾟﾝ

Fig. 16 Typical chromatogram of the test solutions (No. 1102P2-1).

<Result>

#	Time	Area	Area %	Name
1	0.000	0.0000	0.00	
2	2.068	13.8132	46.62	1-メトキシ-3-(3-メトキシプロポキシ)プロパン
3	2.126	15.8170	53.38	1-メトキシ-3-(3-メトキシプロポキシ)プロパン

Fig. 17 Typical chromatogram of the test solutions (No. 1102P3-1).