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|---|---|
| **Study Number:** | C13114-01 |
| **Study Sex:** | Male |
| **PWG Approval Date:** | See web page for date of PWG Approval |
| **Version:** | v1.2.3 |
| **Stat Version:** | 2.0.1A |

**Study Number:** C13114-01
**Test Type:** TOX
**Route:** Oral Gavage
**Species/Strain:** Rat/Harlan Sprague Dawley

**PA06: Organ Weights Summary**
**Test Compound:** 2-(2H-Benzotriazol-2-yl)-4-tert-butylphenol
**CAS Number:** 3147-76-0

**Date Report Requested:** 06/10/2021
**Time Report Requested:** 07:18:36
**Lab:** Battelle

**Males**

| | Treatment Groups (mg/kg) | | | | |
|---|---|---|---|---|---|
| | **0** | **30** | **100** | **300** | **1000** |
| Terminal Body Wt. (g) | 330.9 ± 6.9 (5) | 331.7 ± 6.3 (5) | 332.6 ± 5.5 (5) | 335.6 ± 5.9 (5) | 323.4 ± 13.0 (5) |
| Adrenal glands | | | | | |
| Absolute (g) | 0.0438 ± 0.0038 (5) | 0.0509 ± 0.0030 (5) | 0.0470 ± 0.0022 (5) | 0.0514 ± 0.0019 (5) | 0.0476 ± 0.0041 (5) |
| Relative (mg/g) | 0.13 ± 0.01 (5) | 0.15 ± 0.01 (5) | 0.14 ± 0.01 (5) | 0.15 ± 0.01 (5) | 0.15 ± 0.02 (5) |
| R. Epididymis | | | | | |
| Absolute (g) | 0.5472 ± 0.0192 (5) | 0.4988 ± 0.0074 (5) | 0.4835 ± 0.0097 (5) * | 0.5170 ± 0.0216 (5) | 0.5050 ± 0.0173 (5) |
| Relative (mg/g) | 1.65 ± 0.04 (5) | 1.51 ± 0.03 (5) | 1.46 ± 0.05 (5) | 1.54 ± 0.05 (5) | 1.57 ± 0.10 (5) |
| L. Epididymis | | | | | |
| Absolute (g) | 0.5344 ± 0.0225 (5) | 0.5027 ± 0.0173 (5) | 0.4921 ± 0.0063 (5) | 0.5068 ± 0.0238 (5) | 0.4935 ± 0.0093 (5) |
| Relative (mg/g) | 1.62 ± 0.06 (5) | 1.52 ± 0.04 (5) | 1.48 ± 0.04 (5) | 1.51 ± 0.05 (5) | 1.54 ± 0.07 (5) |
| Heart | | | | | |
| Absolute (g) | 1.14 ± 0.03 (5) | 1.21 ± 0.05 (5) | 1.18 ± 0.01 (5) | 1.19 ± 0.02 (5) | 1.14 ± 0.03 (5) |
| Relative (mg/g) | 3.46 ± 0.10 (5) | 3.64 ± 0.11 (5) | 3.54 ± 0.06 (5) | 3.54 ± 0.05 (5) | 3.53 ± 0.09 (5) |
| R. Kidney | | | | | |
| Absolute (g) | 0.93 ± 0.03 (5) | 0.93 ± 0.02 (5) | 0.98 ± 0.02 (5) | 0.96 ± 0.04 (5) | 0.94 ± 0.04 (5) |
| Relative (mg/g) | 2.81 ± 0.07 (5) | 2.82 ± 0.04 (5) | 2.94 ± 0.06 (5) | 2.86 ± 0.07 (5) | 2.91 ± 0.10 (5) |
| L. Kidney | | | | | |
| Absolute (g) | 0.89 ± 0.03 (5) | 0.90 ± 0.01 (5) | 0.96 ± 0.02 (5) | 0.92 ± 0.04 (5) | 0.90 ± 0.03 (5) |
| Relative (mg/g) | 2.69 ± 0.08 (5) | 2.72 ± 0.02 (5) | 2.89 ± 0.06 (5) | 2.75 ± 0.08 (5) | 2.79 ± 0.06 (5) |
| Liver | | | | | |
| Absolute (g) | 11.57 ± 0.19 (5) ** | 12.17 ± 0.24 (5) | 13.20 ± 0.34 (5) | 14.67 ± 0.48 (5) ** | 16.63 ± 1.23 (5) ** |
| Relative (mg/g) | 34.98 ± 0.28 (5) ** | 36.70 ± 0.39 (5) | 39.70 ± 0.96 (5) ** | 43.68 ± 0.68 (5) ** | 51.13 ± 1.79 (5) ** |
| Lung | | | | | |
| Absolute (g) | 1.88 ± 0.09 (5) | 2.30 ± 0.14 (5) | 2.00 ± 0.13 (5) | 2.12 ± 0.13 (5) | 2.08 ± 0.07 (5) |
| Relative (mg/g) | 5.69 ± 0.35 (5) | 6.90 ± 0.31 (5) * | 6.00 ± 0.34 (5) | 6.29 ± 0.29 (5) | 6.46 ± 0.29 (5) |
| R. Testis | | | | | |
| Absolute (g) | 1.744 ± 0.063 (5) | 1.690 ± 0.043 (5) | 1.687 ± 0.025 (5) | 1.749 ± 0.066 (5) | 1.751 ± 0.043 (5) |
| Relative (mg/g) | 5.27 ± 0.16 (5) | 5.10 ± 0.09 (5) | 5.08 ± 0.13 (5) | 5.21 ± 0.13 (5) | 5.43 ± 0.16 (5) |

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**Males**

| | Treatment Groups (mg/kg) | | | | |
|---|---|---|---|---|---|
| | **0** | **30** | **100** | **300** | **1000** |
| L. Testis | | | | | |
| Absolute (g) | 1.745 ± 0.047 (5) | 1.688 ± 0.057 (5) | 1.717 ± 0.016 (5) | 1.743 ± 0.068 (5) | 1.728 ± 0.040 (5) |
| Relative (mg/g) | 5.28 ± 0.12 (5) | 5.09 ± 0.12 (5) | 5.17 ± 0.10 (5) | 5.19 ± 0.14 (5) | 5.36 ± 0.16 (5) |
| Thymus | | | | | |
| Absolute (g) | 0.370 ± 0.029 (5) | 0.375 ± 0.018 (5) | 0.364 ± 0.022 (5) | 0.362 ± 0.026 (5) | 0.300 ± 0.053 (5) |
| Relative (mg/g) | 1.12 ± 0.08 (5) | 1.13 ± 0.04 (5) | 1.09 ± 0.06 (5) | 1.08 ± 0.07 (5) | 0.91 ± 0.13 (5) |

LEGEND

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Data are displayed as mean ± SEM (N) unless otherwise noted.
Relative organ weights (organ-weight-to-body-weight ratios) are given as mg organ weight/g body weight
Statistical analysis performed by Jonckheere (trend) and Williams or Dunnett (pairwise) tests.
Statistical significance for the control group indicates a significant trend test
Statistical significance for a treatment group indicates a significant pairwise test compared to the vehicle control group
* Statistically significant at P <= 0.05
** Statistically significant at P <= 0.01

** END OF REPORT **