

Study Number: C12007-01

Test Type: TOX

Route: Oral Gavage

Species/Strain: Rat/Harlan Sprague Dawley

Study Number:

Study Sex:

PWG Approval Date:

Version:

PA06: Organ Weights Summary

Test Compound: 2-(2H-benzotriazol-2-yl)-4,6-bis(1-methyl-1-phenylethyl)phenol

CAS Number: 70321-86-7

C12007-01

Male

See web page for date of PWG Approval

v1.2.0

Date Report Requested: 05/19/2021

Time Report Requested: 05:54:13

Lab: Battelle

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Males															
	Treatment Groups (mg/kg)														
	0			30			100			300			1000		
Terminal Body Wt. (g)	325.1	± 11.9	(5)	329.0	± 9.1	(5)	329.9	± 4.3	(5)	326.4	± 11.0	(5)	333.7	± 8.3	(5)
Adrenal glands															
Absolute (g)	0.0438 ±	0.0022	(5)	0.0458 ±	0.0028	(5)	0.0472 ±	0.0028	(5)	0.0472 ±	0.0030	(5)	0.0501 ±	0.0029	(5)
Relative (mg/g)	0.13 ±	0.01	(5)	0.14 ±	0.01	(5)	0.14 ±	0.01	(5)	0.14 ±	0.01	(5)	0.15 ±	0.01	(5)
R. Epididymis															
Absolute (g)	0.5305 ±	0.0252	(5)	0.5589 ±	0.0280	(5)	0.5466 ±	0.0101	(5)	0.5389 ±	0.0356	(5)	0.5537 ±	0.0096	(5)
Relative (mg/g)	1.64 ±	0.08	(5)	1.70 ±	0.08	(5)	1.66 ±	0.03	(5)	1.65 ±	0.07	(5)	1.66 ±	0.04	(5)
L. Epididymis															
Absolute (g)	0.5428 ±	0.0273	(5)	0.5390 ±	0.0216	(5)	0.5356 ±	0.0094	(5)	0.5371 ±	0.0395	(5)	0.5274 ±	0.0149	(5)
Relative (mg/g)	1.68 ±	0.11	(5)	1.64 ±	0.06	(5)	1.62 ±	0.03	(5)	1.64 ±	0.08	(5)	1.59 ±	0.07	(5)
Heart															
Absolute (g)	1.17 ±	0.05	(5)	1.23 ±	0.07	(5)	1.21 ±	0.05	(5)	1.17 ±	0.06	(5)	1.19 ±	0.05	(5)
Relative (mg/g)	3.60 ±	0.05	(5)	3.73 ±	0.12	(5)	3.66 ±	0.14	(5)	3.58 ±	0.08	(5)	3.57 ±	0.08	(5)
R. Kidney															
Absolute (g)	0.91 ±	0.05	(5)	0.93 ±	0.04	(5)	0.91 ±	0.02	(5)	0.91 ±	0.07	(5)	0.97 ±	0.03	(5)
Relative (mg/g)	2.79 ±	0.07	(5)	2.83 ±	0.07	(5)	2.75 ±	0.04	(5)	2.78 ±	0.10	(5)	2.90 ±	0.04	(5)
L. Kidney															
Absolute (g)	0.91 ±	0.05	(5)	0.93 ±	0.04	(5)	0.91 ±	0.02	(5)	0.91 ±	0.08	(5)	0.95 ±	0.05	(5)
Relative (mg/g)	2.80 ±	0.07	(5)	2.81 ±	0.08	(5)	2.75 ±	0.05	(5)	2.77 ±	0.14	(5)	2.85 ±	0.08	(5)
Liver															
Absolute (g)	11.48 ±	0.72	(5)	11.52 ±	0.45	(5)	11.38 ±	0.03	(5)	11.02 ±	0.67	(5)	12.08 ±	0.38	(5)
Relative (mg/g)	35.18 ±	1.07	(5)	34.99 ±	0.56	(5)	34.52 ±	0.48	(5)	33.65 ±	0.90	(5)	36.20 ±	0.59	(5)
Lung															
Absolute (g)	1.72 ±	0.12	(5)	2.05 ±	0.13	(5)	1.69 ±	0.13	(5)	2.01 ±	0.17	(5)	1.73 ±	0.08	(5)
Relative (mg/g)	5.29 ±	0.35	(5)	6.22 ±	0.31	(5)	5.12 ±	0.34	(5)	6.13 ±	0.38	(5)	5.19 ±	0.13	(5)
R. Testis															
Absolute (g)	1.718 ±	0.071	(5)	1.732 ±	0.078	(5)	1.801 ±	0.040	(5)	1.783 ±	0.064	(5)	1.794 ±	0.070	(5)
Relative (mg/g)	5.29 ±	0.14	(5)	5.26 ±	0.13	(5)	5.46 ±	0.07	(5)	5.47 ±	0.10	(5)	5.38 ±	0.18	(5)

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Males					
Treatment Groups (mg/kg)					
	0	30	100	300	1000
L. Testis					
Absolute (g)	1.782 ± 0.085 (5)	1.702 ± 0.060 (5)	1.785 ± 0.036 (5)	1.794 ± 0.060 (5)	1.752 ± 0.066 (5)
Relative (mg/g)	5.48 ± 0.16 (5)	5.17 ± 0.09 (5)	5.41 ± 0.08 (5)	5.50 ± 0.07 (5)	5.25 ± 0.17 (5)
Thymus					
Absolute (g)	0.333 ± 0.031 (5)	0.337 ± 0.016 (5)	0.371 ± 0.024 (5)	0.343 ± 0.028 (5)	0.392 ± 0.044 (5)
Relative (mg/g)	1.02 ± 0.06 (5)	1.02 ± 0.04 (5)	1.12 ± 0.07 (5)	1.06 ± 0.10 (5)	1.17 ± 0.12 (5)

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LEGEND

Data are displayed as mean $\pm$ 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 $P \leq 0.05$

** Statistically significant at $P \leq 0.01$

**** END OF REPORT ****