

Study Number: C12006-01

Test Type: TOX

Route: Oral Gavage

Species/Strain: Rat/Harlan Sprague Dawley

Study Number:

Study Sex:

PWG Approval Date:

Version:

Stat Version:

PA06: Organ Weights Summary

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

CAS Number: 25973-55-1

C12006-01

Male

See web page for date of PWG Approval

v1.7.4

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Date Report Requested: 04/07/2026

Time Report Requested: 17:37:57

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Males															
	Treatment Groups (mg/kg)														
	0			30			100			300			1000		
Terminal Body Wt. (g)	328.3	± 6.1	(5)	328.1	± 8.1	(5)	319.8	± 9.9	(5)	323.1	± 5.6	(5)	311.6	± 9.5	(5)
Adrenal glands															
Absolute (g)	0.0504 ± 0.0020 (5)			0.0430 ± 0.0023 (5)			0.0472 ± 0.0024 (5)			0.0525 ± 0.0028 (5)			0.0424 ± 0.0028 (5)		
Relative (mg/g)	0.15	± 0.01	(5)	0.13	± 0.00	(5)	0.15	± 0.01	(5)	0.16	± 0.01	(5)	0.14	± 0.01	(5)
R. Epididymis															
Absolute (g)	0.5212 ± 0.0244 (5)			0.5075 ± 0.0090 (5)			0.5422 ± 0.0263 (5)			0.5002 ± 0.0119 (5)			0.5070 ± 0.0121 (5)		
Relative (mg/g)	1.59	± 0.06	(5)	1.55	± 0.01	(5)	1.70	± 0.06	(5)	1.55	± 0.04	(5)	1.63	± 0.06	(5)
L. Epididymis															
Absolute (g)	0.5225 ± 0.0269 (5)			0.4925 ± 0.0085 (5)			0.5307 ± 0.0174 (5)			0.5071 ± 0.0125 (5)			0.5095 ± 0.0143 (5)		
Relative (mg/g)	1.59	± 0.07	(5)	1.50	± 0.02	(5)	1.66	± 0.04	(5)	1.57	± 0.05	(5)	1.64	± 0.07	(5)
Heart															
Absolute (g)	1.18	± 0.03	(5)	1.16	± 0.05	(5)	1.19	± 0.07	(5)	1.21	± 0.03	(5)	1.10	± 0.04	(5)
Relative (mg/g)	3.58	± 0.06	(5)	3.53	± 0.08	(5)	3.72	± 0.14	(5)	3.75	± 0.09	(5)	3.52	± 0.08	(5)
R. Kidney															
Absolute (g)	0.91	± 0.01	(5) **	0.95	± 0.01	(5)	1.06	± 0.03	(5) *	1.07	± 0.04	(5) *	1.01	± 0.06	(5) *
Relative (mg/g)	2.76	± 0.07	(5) **	2.89	± 0.05	(5)	3.32	± 0.11	(5) **	3.31	± 0.08	(5) **	3.23	± 0.16	(5) **
L. Kidney															
Absolute (g)	0.90	± 0.03	(5) *	0.97	± 0.02	(5)	1.06	± 0.03	(5) *	1.08	± 0.05	(5) **	1.01	± 0.05	(5)
Relative (mg/g)	2.74	± 0.09	(5) **	2.95	± 0.06	(5)	3.31	± 0.13	(5) **	3.33	± 0.11	(5) **	3.25	± 0.15	(5) **
Liver															
Absolute (g)	11.43	± 0.37	(5) **	16.98	± 0.72	(5) **	19.25	± 1.36	(5) **	20.52	± 1.07	(5) **	19.05	± 0.73	(5) **
Relative (mg/g)	34.78	± 0.63	(5) **	51.67	± 1.21	(5) **	59.98	± 2.68	(5) **	63.40	± 2.61	(5) **	61.12	± 1.33	(5) **
Lung															
Absolute (g)	1.89	± 0.15	(5)	1.78	± 0.17	(5)	1.97	± 0.09	(5)	1.77	± 0.09	(5)	1.82	± 0.15	(5)
Relative (mg/g)	5.75	± 0.44	(5)	5.40	± 0.43	(5)	6.16	± 0.20	(5)	5.46	± 0.21	(5)	5.86	± 0.45	(5)
R. Testis															
Absolute (g)	1.648	± 0.094	(5)	1.753	± 0.039	(5)	1.834	± 0.050	(5)	1.733	± 0.037	(5)	1.758	± 0.037	(5)
Relative (mg/g)	5.01	± 0.24	(5) *	5.35	± 0.13	(5)	5.75	± 0.19	(5) *	5.37	± 0.11	(5)	5.67	± 0.23	(5)

Males					
Treatment Groups (mg/kg)					
	0	30	100	300	1000
L. Testis					
Absolute (g)	1.692 ± 0.093 (5)	1.751 ± 0.053 (5)	1.788 ± 0.025 (5)	1.734 ± 0.033 (5)	1.753 ± 0.047 (5)
Relative (mg/g)	5.14 ± 0.23 (5)	5.34 ± 0.12 (5)	5.61 ± 0.14 (5)	5.37 ± 0.12 (5)	5.65 ± 0.21 (5)
Thymus					
Absolute (g)	0.385 ± 0.035 (5)	0.365 ± 0.037 (5)	0.327 ± 0.040 (5)	0.336 ± 0.016 (5)	0.334 ± 0.028 (5)
Relative (mg/g)	1.17 ± 0.10 (5)	1.11 ± 0.09 (5)	1.01 ± 0.09 (5)	1.04 ± 0.04 (5)	1.07 ± 0.07 (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 $p \leq 0.01$

SEM = Standard Error of the Mean

**** END OF REPORT ****