

Study Number: C13111-01

Test Type: TOX

Route: Oral Gavage

Species/Strain: Rat/Harlan Sprague Dawley

PA06: Organ Weights Summary

Test Compound: 2-(2H-Benzotriazol-2-yl)phenol

CAS Number: 10096-91-0

Date Report Requested: 04/22/2026

Time Report Requested: 12:35:38

Lab: Battelle

Study Number:

C13111-01

Study Sex:

Male

PWG Approval Date:

See web page for date of PWG Approval

Version:

v1.7.6

Stat Version:

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Males															
	Treatment Groups (mg/kg)														
	0			30			100			300			1000		
Terminal Body Wt. (g)	315.4	± 1.3	(5)	313.3	± 4.8	(5)	320.4	± 2.2	(5)	320.9	± 4.8	(5)	319.2	± 4.8	(5)
Adrenal glands															
Absolute (g)	0.0503 ± 0.0024 (5)			0.0505 ± 0.0021 (5)			0.0525 ± 0.0045 (5)			0.0491 ± 0.0048 (5)			0.0496 ± 0.0027 (5)		
Relative (mg/g)	0.16	± 0.01	(5)	0.16	± 0.01	(5)	0.16	± 0.01	(5)	0.15	± 0.02	(5)	0.16	± 0.01	(5)
R. Epididymis															
Absolute (g)	0.5746 ± 0.0106 (5) *			0.5326 ± 0.0250 (5)			0.5531 ± 0.0314 (5)			0.5406 ± 0.0223 (5)			0.5095 ± 0.0193 (5)		
Relative (mg/g)	1.82	± 0.03	(5) *	1.70	± 0.07	(5)	1.73	± 0.09	(5)	1.69	± 0.07	(5)	1.60	± 0.05	(5)
L. Epididymis															
Absolute (g)	0.5900 ± 0.0269 (5) *			0.5255 ± 0.0134 (5)			0.5666 ± 0.0296 (5)			0.5386 ± 0.0214 (5)			0.5056 ± 0.0142 (5) *		
Relative (mg/g)	1.87	± 0.09	(5) *	1.68	± 0.04	(5)	1.77	± 0.09	(5)	1.68	± 0.07	(5)	1.58	± 0.03	(5) *
Heart															
Absolute (g)	1.15	± 0.02	(5)	1.08	± 0.03	(5)	1.16	± 0.03	(5)	1.10	± 0.02	(5)	1.10	± 0.03	(5)
Relative (mg/g)	3.66	± 0.07	(5)	3.45	± 0.07	(5)	3.63	± 0.10	(5)	3.42	± 0.07	(5)	3.46	± 0.10	(5)
R. Kidney															
Absolute (g)	0.96	± 0.03	(5) **	0.97	± 0.04	(5)	0.98	± 0.04	(5)	1.02	± 0.03	(5)	1.10	± 0.04	(5) *
Relative (mg/g)	3.04	± 0.11	(5) **	3.08	± 0.09	(5)	3.06	± 0.12	(5)	3.19	± 0.12	(5)	3.45	± 0.08	(5) *
L. Kidney															
Absolute (g)	0.96	± 0.04	(5) **	0.93	± 0.03	(5)	0.98	± 0.02	(5)	1.02	± 0.03	(5)	1.09	± 0.03	(5) **
Relative (mg/g)	3.04	± 0.14	(5) **	2.97	± 0.07	(5)	3.05	± 0.07	(5)	3.19	± 0.10	(5)	3.42	± 0.10	(5) *
Liver															
Absolute (g)	10.80	± 0.22	(5) **	11.04	± 0.30	(5)	11.53	± 0.12	(5)	12.32	± 0.47	(5) *	14.42	± 0.56	(5) **
Relative (mg/g)	34.24	± 0.65	(5) **	35.21	± 0.47	(5)	36.00	± 0.50	(5)	38.35	± 0.99	(5) **	45.14	± 1.17	(5) **
Lung															
Absolute (g)	1.62	± 0.07	(5)	1.53	± 0.09	(5)	1.56	± 0.13	(5)	1.51	± 0.04	(5)	1.45	± 0.14	(4)
Relative (mg/g)	5.14	± 0.22	(5)	4.90	± 0.31	(5)	4.87	± 0.37	(5)	4.71	± 0.11	(5)	4.54	± 0.49	(4)
R. Testis															
Absolute (g)	1.810	± 0.026	(5) *	1.700	± 0.045	(5)	1.707	± 0.054	(5)	1.706	± 0.042	(5)	1.669	± 0.037	(5)
Relative (mg/g)	5.74	± 0.08	(5) *	5.43	± 0.16	(5)	5.33	± 0.17	(5)	5.33	± 0.19	(5)	5.23	± 0.10	(5)

Males					
Treatment Groups (mg/kg)					
	0	30	100	300	1000
L. Testis					
Absolute (g)	1.783 ± 0.020 (5) *	1.665 ± 0.048 (5)	1.757 ± 0.035 (5)	1.720 ± 0.040 (5)	1.648 ± 0.033 (5)
Relative (mg/g)	5.65 ± 0.05 (5) *	5.32 ± 0.16 (5)	5.49 ± 0.11 (5)	5.37 ± 0.19 (5)	5.17 ± 0.07 (5) *
Thymus					
Absolute (g)	0.292 ± 0.022 (5)	0.315 ± 0.032 (5)	0.302 ± 0.022 (5)	0.326 ± 0.023 (5)	0.306 ± 0.016 (5)
Relative (mg/g)	0.92 ± 0.07 (5)	1.00 ± 0.09 (5)	0.94 ± 0.07 (5)	1.01 ± 0.06 (5)	0.96 ± 0.06 (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 of weight data 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

All animals were removed on Study Day 14.

One male lung weight from the 1000 mg/kg group was excluded from the analysis as an outlier, along with the relative organ weight value for this animal.

**** END OF REPORT ****