

Study Number: C13115-01

Test Type: TOX

Route: Oral Gavage

Species/Strain: Rat/Harlan Sprague Dawley

PA06: Organ Weights Summary

Test Compound: 3-(2H-Benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxybenzenepropanoic acid, octyl ester

CAS Number: 84268-23-5

Date Report Requested: 06/15/2021

Time Report Requested: 08:09:53

Lab: Battelle

Study Number:

C13115-01

Study Sex:

Male

PWG Approval Date:

See web page for date of PWG Approval

Version:

v1.2.4

Stat Version:

2.0.1A

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Males															
	Treatment Groups (mg/kg)														
	0			30			100			300			1000		
Terminal Body Wt. (g)	323.7	± 3.9	(5) **	336.5	± 10.6	(5)	318.0	± 2.0	(5)	284.0	± 8.1	(5) **	216.4	± 15.2	(5) **
Adrenal glands															
Absolute (g)	0.0526 ± 0.0071 (5)			0.0519 ± 0.0051 (5)			0.0479 ± 0.0029 (5)			0.0449 ± 0.0022 (5)			0.0539 ± 0.0036 (5)		
Relative (mg/g)	0.16	± 0.02	(5) *	0.15	± 0.01	(5)	0.15	± 0.01	(5)	0.16	± 0.01	(5)	0.25	± 0.02	(5) **
R. Epididymis															
Absolute (g)	0.5705 ± 0.0174 (5) **			0.5728 ± 0.0198 (5)			0.5658 ± 0.0284 (5)			0.4672 ± 0.0273 (5) **			0.3941 ± 0.0279 (5) **		
Relative (mg/g)	1.76	± 0.04	(5)	1.70	± 0.05	(5)	1.78	± 0.08	(5)	1.65	± 0.09	(5)	1.82	± 0.02	(5)
L. Epididymis															
Absolute (g)	0.5770 ± 0.0281 (5) **			0.5585 ± 0.0181 (5)			0.5505 ± 0.0164 (5)			0.4653 ± 0.0196 (5) **			0.3970 ± 0.0268 (5) **		
Relative (mg/g)	1.78	± 0.08	(5)	1.67	± 0.08	(5)	1.73	± 0.04	(5)	1.64	± 0.07	(5)	1.84	± 0.03	(5)
Heart															
Absolute (g)	1.19	± 0.03	(5)	1.24	± 0.06	(5)	1.26	± 0.03	(5)	1.20	± 0.05	(5)	0.83	± 0.08	(5) **
Relative (mg/g)	3.67	± 0.09	(5) *	3.69	± 0.07	(5)	3.97	± 0.08	(5)	4.21	± 0.05	(5) **	3.79	± 0.15	(5)
R. Kidney															
Absolute (g)	0.97	± 0.05	(5) **	1.04	± 0.05	(5)	1.05	± 0.02	(5)	0.98	± 0.04	(5)	1.53	± 0.14	(5) **
Relative (mg/g)	3.01	± 0.12	(5) **	3.09	± 0.07	(5)	3.31	± 0.04	(5)	3.47	± 0.10	(5)	7.09	± 0.51	(5) **
L. Kidney															
Absolute (g)	0.98	± 0.03	(5)	1.06	± 0.06	(5)	1.04	± 0.01	(5)	0.95	± 0.03	(5)	1.45	± 0.11	(5) **
Relative (mg/g)	3.03	± 0.08	(5) **	3.15	± 0.10	(5)	3.26	± 0.04	(5)	3.35	± 0.08	(5)	6.73	± 0.43	(5) **
Liver															
Absolute (g)	11.70	± 0.30	(5)	15.35	± 0.71	(5) *	17.28	± 0.41	(5) **	17.24	± 1.09	(5) **	13.06	± 1.16	(5)
Relative (mg/g)	36.14	± 0.67	(5) **	45.53	± 0.93	(5) **	54.37	± 1.43	(5) **	60.47	± 2.26	(5) **	60.06	± 1.90	(5) **
Lung															
Absolute (g)	1.92	± 0.11	(5)	1.76	± 0.11	(5)	1.74	± 0.09	(5)	1.79	± 0.06	(5)	1.61	± 0.16	(5)
Relative (mg/g)	5.93	± 0.38	(5) **	5.21	± 0.16	(5)	5.47	± 0.29	(5)	6.32	± 0.27	(5)	7.40	± 0.39	(5) **
R. Testis															
Absolute (g)	1.789	± 0.039	(5) *	1.846	± 0.071	(5)	1.872	± 0.050	(5)	1.721	± 0.082	(5)	1.461	± 0.057	(5) **
Relative (mg/g)	5.53	± 0.13	(5) **	5.49	± 0.20	(5)	5.89	± 0.14	(5)	6.06	± 0.21	(5)	6.84	± 0.37	(5) **

Males					
Treatment Groups (mg/kg)					
	0	30	100	300	1000
L. Testis					
Absolute (g)	1.827 ± 0.057 (5) **	1.833 ± 0.068 (5)	1.875 ± 0.061 (5)	1.744 ± 0.058 (5)	1.445 ± 0.039 (5) **
Relative (mg/g)	5.65 ± 0.19 (5) **	5.46 ± 0.18 (5)	5.90 ± 0.17 (5)	6.14 ± 0.14 (5)	6.79 ± 0.45 (5) **
Thymus					
Absolute (g)	0.285 ± 0.020 (5) **	0.350 ± 0.030 (5)	0.298 ± 0.022 (5)	0.227 ± 0.012 (5)	0.082 ± 0.022 (5) **
Relative (mg/g)	0.88 ± 0.06 (5) **	1.03 ± 0.07 (5)	0.94 ± 0.07 (5)	0.80 ± 0.03 (5)	0.37 ± 0.10 (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 ****