

Study Number: C12013-01

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-(5-Chloro-2H-benzotriazol-2-yl)-4,6-bis(1,1-dimethylethyl)phenol)

CAS Number: 3864-99-1

C12013-01

Male

See web page for date of PWG Approval

v1.3.9

2.0.1A

Date Report Requested: 03/25/2022

Time Report Requested: 08:02:02

Lab: Battelle

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Males															
	Treatment Groups (mg/kg)														
	0			30			100			300			1000		
Terminal Body Wt. (g)	320.4	± 3.6	(5)	324.2	± 3.5	(5)	319.8	± 3.3	(5)	319.5	± 5.1	(5)	331.5	± 6.5	(5)
Adrenal glands															
Absolute (g)	0.0479 ± 0.0024 (5)			0.0463 ± 0.0022 (5)			0.0475 ± 0.0019 (5)			0.0452 ± 0.0020 (5)			0.0480 ± 0.0026 (5)		
Relative (mg/g)	0.15	± 0.01	(5)	0.14	± 0.01	(5)	0.15	± 0.01	(5)	0.14	± 0.01	(5)	0.15	± 0.01	(5)
R. Epididymis															
Absolute (g)	0.5260 ± 0.0188 (5)			0.5152 ± 0.0061 (5)			0.5803 ± 0.0340 (5)			0.5430 ± 0.0181 (5)			0.5055 ± 0.0131 (5)		
Relative (mg/g)	1.64	± 0.05	(5)	1.59	± 0.02	(5)	1.82	± 0.11	(5)	1.70	± 0.05	(5)	1.53	± 0.06	(5)
L. Epididymis															
Absolute (g)	0.5164 ± 0.0091 (5)			0.5081 ± 0.0058 (5)			0.5316 ± 0.0175 (5)			0.5398 ± 0.0125 (5)			0.4977 ± 0.0088 (5)		
Relative (mg/g)	1.61	± 0.02	(5)	1.57	± 0.02	(5)	1.66	± 0.06	(5)	1.69	± 0.04	(5)	1.50	± 0.05	(5)
Heart															
Absolute (g)	1.15	± 0.02	(5) *	1.22	± 0.04	(5)	1.15	± 0.01	(5)	1.18	± 0.02	(5)	1.25	± 0.03	(5) *
Relative (mg/g)	3.58	± 0.07	(5)	3.77	± 0.13	(5)	3.60	± 0.06	(5)	3.68	± 0.05	(5)	3.76	± 0.11	(5)
R. Kidney															
Absolute (g)	0.87	± 0.02	(5) **	1.00	± 0.02	(5) **	1.06	± 0.03	(5) **	1.03	± 0.02	(5) **	1.05	± 0.03	(5) **
Relative (mg/g)	2.72	± 0.06	(5) **	3.09	± 0.04	(5) **	3.32	± 0.12	(5) **	3.21	± 0.06	(5) **	3.17	± 0.08	(5) **
L. Kidney															
Absolute (g)	0.87	± 0.01	(5) **	1.00	± 0.03	(5) *	1.06	± 0.04	(5) **	1.01	± 0.02	(5) **	1.04	± 0.04	(5) **
Relative (mg/g)	2.72	± 0.03	(5) **	3.09	± 0.09	(5) *	3.31	± 0.15	(5) **	3.17	± 0.04	(5) **	3.15	± 0.12	(5) **
Liver															
Absolute (g)	11.33	± 0.36	(5) **	17.09	± 0.43	(5) **	17.46	± 0.67	(5) **	17.81	± 0.30	(5) **	20.02	± 0.62	(5) **
Relative (mg/g)	35.34	± 0.78	(5) **	52.69	± 0.93	(5) **	54.63	± 2.21	(5) **	55.79	± 1.06	(5) **	60.46	± 1.88	(5) **
Lung															
Absolute (g)	1.89	± 0.12	(5)	1.68	± 0.10	(5)	1.84	± 0.22	(5)	1.81	± 0.10	(5)	1.76	± 0.10	(5)
Relative (mg/g)	5.89	± 0.31	(5)	5.20	± 0.34	(5)	5.78	± 0.74	(5)	5.67	± 0.33	(5)	5.31	± 0.32	(5)
R. Testis															
Absolute (g)	1.676	± 0.036	(5)	1.725	± 0.056	(5)	1.814	± 0.065	(5)	1.796	± 0.045	(5)	1.730	± 0.037	(5)
Relative (mg/g)	5.24	± 0.14	(5)	5.32	± 0.16	(5)	5.68	± 0.21	(5)	5.62	± 0.15	(5)	5.23	± 0.14	(5)

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Males					
Treatment Groups (mg/kg)					
	0	30	100	300	1000
L. Testis					
Absolute (g)	1.652 ± 0.039 (5)	1.695 ± 0.055 (5)	1.761 ± 0.078 (5)	1.787 ± 0.041 (5)	1.746 ± 0.044 (5)
Relative (mg/g)	5.16 ± 0.15 (5)	5.22 ± 0.14 (5)	5.51 ± 0.25 (5)	5.60 ± 0.15 (5)	5.27 ± 0.13 (5)
Thymus					
Absolute (g)	0.313 ± 0.034 (5)	0.335 ± 0.024 (5)	0.317 ± 0.012 (5)	0.327 ± 0.017 (5)	0.365 ± 0.031 (5)
Relative (mg/g)	0.97 ± 0.10 (5)	1.03 ± 0.07 (5)	0.99 ± 0.04 (5)	1.02 ± 0.06 (5)	1.10 ± 0.08 (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 ****