

Study Number: C11297-01

Test Type: TOX

Route: Oral Gavage

Species/Strain: Rat/Sprague Dawley

C Number:

Study Gender:

PWG Approval Date

PA06: Organ Weights Summary

Test Compound: 1,3,5,7,9,11-Hexabromocyclododecane

CAS Number: 25637-99-4

C11297-01

Male

See web page for date of PWG Approval

Date Report Requested: 04/26/2019

Time Report Requested: 07:40:26

Lab: Battelle

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Males: Core Males

	Treatment Groups (mg/kg)														
	0			0.06			0.641			6.41			64.1		
Terminal Body Wt.	241.6	± 2.9	(6)	243.1	± 2.4	(6)	238.0	± 4.0	(6)	244.0	± 1.6	(6)	243.9	± 6.2	(6)
R. Epididymis															
Absolute (g)	0.2611	± 0.0056	(5)	0.2688	± 0.0131	(6)	0.2746	± 0.0060	(6)	0.2507	± 0.0164	(6)	0.2568	± 0.0115	(6)
Relative (mg/g)	1.08	± 0.03	(5)	1.10	± 0.05	(6)	1.16	± 0.03	(6)	1.03	± 0.07	(6)	1.05	± 0.05	(6)
L. Epididymis															
Absolute (g)	0.2717	± 0.0127	(6)	0.2575	± 0.0125	(6)	0.2630	± 0.0074	(6)	0.2449	± 0.0075	(6)	0.2589	± 0.0081	(6)
Relative (mg/g)	1.13	± 0.06	(6)	1.06	± 0.05	(6)	1.11	± 0.03	(6)	1.00	± 0.04	(6)	1.06	± 0.04	(6)
Heart															
Absolute (g)	0.98	± 0.02	(6)	0.99	± 0.02	(6)	0.97	± 0.03	(6)	0.98	± 0.02	(6)	0.98	± 0.02	(6)
Relative (mg/g)	4.05	± 0.09	(6)	4.06	± 0.10	(6)	4.09	± 0.11	(6)	4.03	± 0.08	(6)	4.03	± 0.08	(6)
R. Kidney															
Absolute (g)	0.90	± 0.03	(6)	0.83	± 0.02	(6)	0.89	± 0.02	(6)	0.85	± 0.02	(6)	0.86	± 0.03	(6)
Relative (mg/g)	3.71	± 0.16	(6)	3.42	± 0.06	(6)	3.72	± 0.09	(6)	3.48	± 0.08	(6)	3.54	± 0.07	(6)
L. Kidney															
Absolute (g)	0.86	± 0.02	(6)	0.84	± 0.02	(6)	0.89	± 0.02	(6)	0.85	± 0.03	(6)	0.83	± 0.03	(6)
Relative (mg/g)	3.58	± 0.11	(6)	3.45	± 0.05	(6)	3.72	± 0.10	(6)	3.49	± 0.14	(6)	3.39	± 0.07	(6)
Liver															
Absolute (g)	10.78	± 0.17	(6) **	10.72	± 0.24	(6)	10.72	± 0.33	(6)	10.83	± 0.29	(6)	11.56	± 0.40	(6)
Relative (mg/g)	44.60	± 0.53	(6) **	44.09	± 0.83	(6)	45.04	± 0.99	(6)	44.39	± 1.15	(6)	47.36	± 0.61	(6) *
Lung															
Absolute (g)	2.87	± 0.10	(6)	2.84	± 0.09	(6)	3.04	± 0.30	(6)	2.96	± 0.19	(6)	2.82	± 0.23	(6)
Relative (mg/g)	11.87	± 0.42	(6)	11.67	± 0.41	(6)	12.70	± 1.11	(6)	12.11	± 0.75	(6)	11.55	± 0.86	(6)
R. Testis															
Absolute (g)	1.525	± 0.050	(6)	1.543	± 0.032	(6)	1.483	± 0.017	(6)	1.500	± 0.036	(6)	1.488	± 0.039	(6)
Relative (mg/g)	6.31	± 0.21	(6) *	6.34	± 0.10	(6)	6.24	± 0.14	(6)	6.15	± 0.16	(6)	6.10	± 0.07	(6)
L. Testis															
Absolute (g)	1.507	± 0.047	(6)	1.542	± 0.021	(6)	1.504	± 0.023	(6)	1.507	± 0.037	(6)	1.514	± 0.042	(6)
Relative (mg/g)	6.23	± 0.16	(6)	6.34	± 0.10	(6)	6.33	± 0.15	(6)	6.18	± 0.16	(6)	6.21	± 0.12	(6)

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Treatment Groups (mg/kg)

	0	0.06	0.641	6.41	64.1
Thymus					
Absolute (g)	0.614 ± 0.042 (6)	0.544 ± 0.007 (5)	0.631 ± 0.024 (6)	0.639 ± 0.035 (6)	0.588 ± 0.039 (6)
Relative (mg/g)	2.54 ± 0.17 (6)	2.24 ± 0.03 (5)	2.65 ± 0.09 (6)	2.62 ± 0.14 (6)	2.40 ± 0.13 (6)

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	Treatment Groups		
	641		
Terminal Body Wt.	245.1	± 3.2	(6)
R. Epididymis			
Absolute (g)	0.2674	± 0.0070	(6)
Relative (mg/g)	1.09	± 0.02	(6)
L. Epididymis			
Absolute (g)	0.2744	± 0.0085	(6)
Relative (mg/g)	1.12	± 0.02	(6)
Heart			
Absolute (g)	0.99	± 0.04	(6)
Relative (mg/g)	4.05	± 0.13	(6)
R. Kidney			
Absolute (g)	0.85	± 0.02	(6)
Relative (mg/g)	3.46	± 0.11	(6)
L. Kidney			
Absolute (g)	0.83	± 0.01	(6)
Relative (mg/g)	3.40	± 0.05	(6)
Liver			
Absolute (g)	13.07	± 0.22	(6) **
Relative (mg/g)	53.36	± 0.77	(6) **
Lung			
Absolute (g)	2.94	± 0.17	(6)
Relative (mg/g)	12.02	± 0.74	(6)
R. Testis			
Absolute (g)	1.487	± 0.037	(6)
Relative (mg/g)	6.08	± 0.19	(6)
L. Testis			
Absolute (g)	1.499	± 0.033	(6)
Relative (mg/g)	6.12	± 0.17	(6)

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Treatment Groups

641

Thymus

Absolute (g)	0.515 ± 0.019 (6)
Relative (mg/g)	2.10 ± 0.07 (6) *

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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 (unless otherwise noted).

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 $P \leq 0.01$

One value for R. Epididymis weight in the 0 mg/kg group and one value for Thymus weight in the 0.06 mg/kg group were excluded because they were outliers.

**** END OF REPORT ****