

Study Number: C20292-01

Test Type: TOX

Route: Oral Gavage

Species/Strain: Rat/Sprague Dawley

C Number:

Study Gender:

PWG Approval Date

PA06: Organ Weights Summary

Test Compound: 1,2-Bis(2,4,6-tribromophenoxy)ethane

CAS Number: 37853-59-1

C20292-01

Male

See web page for date of PWG Approval

Date Report Requested: 03/11/2019

Time Report Requested: 08:27:52

Lab: Battelle

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	Treatment Groups (mg/kg)														
	0			0.07			0.69			6.88			68		
Terminal Body Wt.	233.5	± 3.1	(6)	233.7	± 5.1	(6)	234.0	± 4.0	(6)	231.1	± 4.3	(6)	231.4	± 5.6	(6)
R. Epididymis															
Absolute (g)	0.2333 ± 0.0085 (6)			0.2410 ± 0.0083 (6)			0.2521 ± 0.0086 (6)			0.2614 ± 0.0095 (6)			0.2494 ± 0.0119 (6)		
Relative (mg/g)	1.00 ± 0.04 (6)			1.03 ± 0.04 (6)			1.08 ± 0.03 (6)			1.14 ± 0.06 (6)			1.08 ± 0.07 (6)		
L. Epididymis															
Absolute (g)	0.2251 ± 0.0059 (6)			0.2481 ± 0.0103 (6)			0.2624 ± 0.0145 (6)			0.2513 ± 0.0093 (6)			0.2425 ± 0.0068 (6)		
Relative (mg/g)	0.97 ± 0.04 (6)			1.06 ± 0.04 (6)			1.12 ± 0.07 (6)			1.09 ± 0.06 (6)			1.05 ± 0.04 (6)		
Heart															
Absolute (g)	0.98 ± 0.03 (6)			0.96 ± 0.03 (6)			0.99 ± 0.02 (6)			0.95 ± 0.02 (6)			0.91 ± 0.03 (6)		
Relative (mg/g)	4.21 ± 0.07 (6)			4.10 ± 0.12 (6)			4.25 ± 0.10 (6)			4.12 ± 0.10 (6)			3.94 ± 0.06 (6)		
R. Kidney															
Absolute (g)	0.85 ± 0.03 (6)			0.82 ± 0.03 (6)			0.86 ± 0.04 (6)			0.81 ± 0.02 (6)			0.82 ± 0.02 (6)		
Relative (mg/g)	3.64 ± 0.07 (6)			3.49 ± 0.10 (6)			3.66 ± 0.13 (6)			3.52 ± 0.11 (6)			3.54 ± 0.08 (6)		
L. Kidney															
Absolute (g)	0.82 ± 0.02 (6)			0.84 ± 0.03 (6)			0.82 ± 0.04 (6)			0.81 ± 0.02 (6)			0.81 ± 0.03 (6)		
Relative (mg/g)	3.51 ± 0.07 (6)			3.57 ± 0.10 (6)			3.49 ± 0.11 (6)			3.49 ± 0.08 (6)			3.50 ± 0.12 (6)		
Liver															
Absolute (g)	10.31 ± 0.30 (6)			10.30 ± 0.42 (6)			10.54 ± 0.30 (6)			10.36 ± 0.16 (6)			10.31 ± 0.37 (6)		
Relative (mg/g)	44.14 ± 0.95 (6)			44.02 ± 1.12 (6)			45.00 ± 0.76 (6)			44.85 ± 0.64 (6)			44.55 ± 1.13 (6)		
Lung															
Absolute (g)	2.44 ± 0.31 (6)			2.26 ± 0.20 (6)			2.49 ± 0.16 (6)			2.57 ± 0.31 (6)			2.66 ± 0.21 (6)		
Relative (mg/g)	10.41 ± 1.25 (6) *			9.66 ± 0.72 (6)			10.64 ± 0.74 (6)			11.12 ± 1.32 (6)			11.48 ± 0.78 (6)		
R. Testis															
Absolute (g)	1.467 ± 0.035 (6)			1.484 ± 0.028 (6)			1.496 ± 0.042 (6)			1.485 ± 0.011 (6)			1.499 ± 0.036 (6)		
Relative (mg/g)	6.29 ± 0.17 (6)			6.36 ± 0.15 (6)			6.39 ± 0.14 (6)			6.44 ± 0.14 (6)			6.49 ± 0.17 (6)		
L. Testis															
Absolute (g)	1.440 ± 0.040 (6)			1.469 ± 0.040 (6)			1.514 ± 0.042 (6)			1.479 ± 0.020 (6)			1.490 ± 0.049 (6)		
Relative (mg/g)	6.17 ± 0.19 (6)			6.30 ± 0.19 (6)			6.47 ± 0.11 (6)			6.41 ± 0.13 (6)			6.44 ± 0.18 (6)		

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Treatment Groups (mg/kg)

	0	0.07	0.69	6.88	68
Thymus					
Absolute (g)	0.582 ± 0.040 (6)	0.587 ± 0.033 (6)	0.582 ± 0.040 (6)	0.577 ± 0.020 (6)	0.587 ± 0.033 (6)
Relative (mg/g)	2.49 ± 0.16 (6)	2.51 ± 0.10 (6)	2.48 ± 0.14 (6)	2.50 ± 0.06 (6)	2.53 ± 0.11 (6)

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	Treatment Groups		
	680		
Terminal Body Wt.	231.2	± 6.2	(6)
R. Epididymis			
Absolute (g)	0.2551	± 0.0119	(6)
Relative (mg/g)	1.11	± 0.07	(6)
L. Epididymis			
Absolute (g)	0.2604	± 0.0141	(6)
Relative (mg/g)	1.13	± 0.06	(6)
Heart			
Absolute (g)	0.98	± 0.04	(6)
Relative (mg/g)	4.24	± 0.13	(6)
R. Kidney			
Absolute (g)	0.82	± 0.03	(6)
Relative (mg/g)	3.54	± 0.06	(6)
L. Kidney			
Absolute (g)	0.81	± 0.04	(6)
Relative (mg/g)	3.48	± 0.09	(6)
Liver			
Absolute (g)	10.15	± 0.35	(6)
Relative (mg/g)	43.84	± 0.54	(6)
Lung			
Absolute (g)	2.73	± 0.16	(6)
Relative (mg/g)	11.78	± 0.55	(6)
R. Testis			
Absolute (g)	1.491	± 0.039	(6)
Relative (mg/g)	6.47	± 0.24	(6)
L. Testis			
Absolute (g)	1.493	± 0.040	(6)
Relative (mg/g)	6.48	± 0.26	(6)

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Treatment Groups

680

Thymus

Absolute (g) 0.569 ± 0.017 (6)

Relative (mg/g) 2.46 ± 0.08 (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 $P \leq 0.01$

**** END OF REPORT ****