

Study Number: C15002-01
Test Type: TOX
Route: Oral Gavage
Species/Strain: Rat/Sprague Dawley

PA06: Organ Weights Summary
Test Compound: 1,2-bis(pentabromophenyl)ethane
CAS Number: 84852-53-9

Date Report Requested: 02/07/2019
Time Report Requested: 09:29:08
Lab: Battelle

C Number: C15002-01
Study Gender: Male
PWG Approval Date: See web page for date of PWG Approval

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Males: Core Males

	Treatment Groups (mg/kg)														
	0			0.1			0.97			9.71			97.1		
Terminal Body Wt.	232.8	± 5.3	(6)	228.7	± 3.2	(6)	228.8	± 2.7	(6)	230.1	± 3.2	(6)	231.2	± 3.6	(6)
R. Epididymis															
Absolute (g)	0.2415 ± 0.0055 (6)			0.2413 ± 0.0054 (6)			0.2355 ± 0.0158 (6)			0.2339 ± 0.0097 (6)			0.2453 ± 0.0094 (6)		
Relative (mg/g)	1.04 ± 0.02 (6)			1.06 ± 0.02 (6)			1.03 ± 0.06 (6)			1.02 ± 0.05 (6)			1.06 ± 0.03 (6)		
L. Epididymis															
Absolute (g)	0.2343 ± 0.0065 (6)			0.2390 ± 0.0061 (6)			0.2318 ± 0.0132 (6)			0.2219 ± 0.0118 (6)			0.2540 ± 0.0094 (6)		
Relative (mg/g)	1.01 ± 0.02 (6)			1.04 ± 0.01 (6)			1.01 ± 0.05 (6)			0.96 ± 0.05 (6)			1.10 ± 0.03 (6)		
Heart															
Absolute (g)	0.95 ± 0.03 (6)			0.94 ± 0.04 (6)			0.95 ± 0.03 (6)			0.91 ± 0.04 (6)			0.95 ± 0.02 (6)		
Relative (mg/g)	4.10 ± 0.09 (6)			4.12 ± 0.12 (6)			4.15 ± 0.11 (6)			3.96 ± 0.16 (6)			4.12 ± 0.07 (6)		
R. Kidney															
Absolute (g)	0.83 ± 0.02 (6)			0.79 ± 0.01 (6)			0.81 ± 0.02 (6)			0.79 ± 0.01 (6)			0.82 ± 0.01 (6)		
Relative (mg/g)	3.56 ± 0.05 (6)			3.45 ± 0.07 (6)			3.53 ± 0.08 (6)			3.45 ± 0.05 (6)			3.56 ± 0.04 (6)		
L. Kidney															
Absolute (g)	0.79 ± 0.03 (6)			0.79 ± 0.02 (6)			0.82 ± 0.03 (6)			0.76 ± 0.02 (6)			0.81 ± 0.02 (6)		
Relative (mg/g)	3.41 ± 0.08 (6)			3.45 ± 0.07 (6)			3.56 ± 0.10 (6)			3.32 ± 0.11 (6)			3.50 ± 0.05 (6)		
Liver															
Absolute (g)	10.10 ± 0.31 (6) *			9.71 ± 0.16 (6)			10.14 ± 0.27 (6)			10.00 ± 0.25 (6)			10.33 ± 0.20 (6)		
Relative (mg/g)	43.38 ± 0.69 (6) **			42.53 ± 1.16 (6)			44.28 ± 0.73 (6)			43.41 ± 0.68 (6)			44.68 ± 0.61 (6)		
Lung															
Absolute (g)	2.33 ± 0.18 (6)			2.19 ± 0.21 (6)			2.34 ± 0.26 (6)			2.11 ± 0.20 (6)			2.41 ± 0.11 (6)		
Relative (mg/g)	10.02 ± 0.74 (6)			9.55 ± 0.88 (6)			10.20 ± 1.04 (6)			9.15 ± 0.81 (6)			10.45 ± 0.51 (6)		
R. Testis															
Absolute (g)	1.419 ± 0.034 (6)			1.405 ± 0.027 (6)			1.358 ± 0.036 (6)			1.427 ± 0.054 (6)			1.449 ± 0.039 (6)		
Relative (mg/g)	6.10 ± 0.13 (6) *			6.14 ± 0.10 (6)			5.94 ± 0.16 (6)			6.21 ± 0.26 (6)			6.26 ± 0.10 (6)		
L. Testis															
Absolute (g)	1.426 ± 0.032 (6)			1.399 ± 0.041 (6)			1.404 ± 0.028 (6)			1.377 ± 0.073 (6)			1.425 ± 0.050 (6)		
Relative (mg/g)	6.13 ± 0.09 (6)			6.12 ± 0.17 (6)			6.14 ± 0.11 (6)			5.98 ± 0.29 (6)			6.16 ± 0.16 (6)		

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Treatment Groups (mg/kg)

	0	0.1	0.97	9.71	97.1
Thymus					
Absolute (g)	0.615 ± 0.031 (6)	0.564 ± 0.032 (6)	0.631 ± 0.031 (6)	0.618 ± 0.018 (6)	0.594 ± 0.024 (6)
Relative (mg/g)	2.64 ± 0.11 (6)	2.47 ± 0.15 (6)	2.76 ± 0.13 (6)	2.69 ± 0.08 (6)	2.57 ± 0.11 (6)

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	Treatment Groups		
	970		
Terminal Body Wt.	228.5	± 5.9	(6)
R. Epididymis			
Absolute (g)	0.2374	± 0.0128	(6)
Relative (mg/g)	1.04	± 0.06	(6)
L. Epididymis			
Absolute (g)	0.2544	± 0.0280	(6)
Relative (mg/g)	1.11	± 0.11	(6)
Heart			
Absolute (g)	0.99	± 0.03	(6)
Relative (mg/g)	4.33	± 0.13	(6)
R. Kidney			
Absolute (g)	0.82	± 0.01	(6)
Relative (mg/g)	3.62	± 0.13	(6)
L. Kidney			
Absolute (g)	0.82	± 0.01	(6)
Relative (mg/g)	3.59	± 0.09	(6)
Liver			
Absolute (g)	10.71	± 0.22	(6)
Relative (mg/g)	46.97	± 1.24	(6) **
Lung			
Absolute (g)	2.78	± 0.21	(6)
Relative (mg/g)	12.15	± 0.82	(6)
R. Testis			
Absolute (g)	1.482	± 0.056	(6)
Relative (mg/g)	6.52	± 0.33	(6)
L. Testis			
Absolute (g)	1.279	± 0.139	(6)
Relative (mg/g)	5.67	± 0.70	(6)

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Treatment Groups

970

Thymus

Absolute (g)	0.605 ± 0.022 (6)
Relative (mg/g)	2.65 ± 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 $P \leq 0.01$

**** END OF REPORT ****