

Study Number: C04051-01
Test Type: TOX
Route: Oral Gavage
Species/Strain: Rat/Sprague Dawley

PA06: Organ Weights Summary
Test Compound: 1,1,2,2-Tetrahydroperfluoro-1-dodecanol
CAS Number: 865-86-1

Date Report Requested: 11/17/2020
Time Report Requested: 14:08:28
Lab: Battelle

Study Number: C04051-01
Study Gender: Both
PWG Approval Date: See web page for date of PWG Approval
Version: v1.1.0

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Males: Core Animals

	Treatment Groups (mg/kg)				
	0	0.07	0.2	0.7	2
Terminal Body Wt. (g)	333.9 ± 7.5 (10)	326.2 ± 9.9 (5)	333.0 ± 7.0 (5)	336.4 ± 7.3 (5)	328.0 ± 9.0 (5)
Heart					
Absolute (g)	1.20 ± 0.04 (10)	1.16 ± 0.01 (5)	1.17 ± 0.02 (5)	1.25 ± 0.03 (5)	1.19 ± 0.04 (5)
Relative (mg/g)	3.60 ± 0.05 (10)	3.56 ± 0.11 (5)	3.52 ± 0.06 (5)	3.72 ± 0.05 (5)	3.64 ± 0.07 (5)
R. Kidney					
Absolute (g)	0.99 ± 0.03 (10)	0.95 ± 0.03 (5)	1.01 ± 0.03 (5)	1.05 ± 0.03 (5)	1.02 ± 0.03 (5)
Relative (mg/g)	2.95 ± 0.02 (10)	2.93 ± 0.04 (5)	3.04 ± 0.06 (5)	3.11 ± 0.04 (5)	3.10 ± 0.04 (5)
L. Kidney					
Absolute (g)	1.00 ± 0.03 (10)	0.93 ± 0.02 (5)	0.98 ± 0.02 (5)	1.02 ± 0.03 (5)	0.98 ± 0.03 (5)
Relative (mg/g)	2.99 ± 0.05 (10)	2.86 ± 0.06 (5)	2.95 ± 0.08 (5)	3.02 ± 0.08 (5)	2.98 ± 0.08 (5)
Liver					
Absolute (g)	12.52 ± 0.44 (10) **	11.81 ± 0.75 (5)	12.57 ± 0.54 (5)	12.61 ± 0.55 (5)	12.05 ± 0.29 (5)
Relative (mg/g)	37.41 ± 0.66 (10) **	36.07 ± 1.30 (5)	37.70 ± 0.96 (5)	37.42 ± 0.94 (5)	36.77 ± 0.42 (5)

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	Treatment Groups (mg/kg)				
	6	18	55	160	475
Terminal Body Wt. (g)	334.3 ± 8.8 (5)	325.3 ± 8.8 (5)	338.2 ± 9.5 (5)	334.6 ± 4.7 (5)	333.8 ± 7.4 (5)
Heart					
Absolute (g)	1.21 ± 0.05 (5)	1.14 ± 0.05 (5)	1.21 ± 0.04 (5)	1.17 ± 0.03 (5)	1.20 ± 0.02 (5)
Relative (mg/g)	3.62 ± 0.13 (5)	3.50 ± 0.10 (5)	3.57 ± 0.04 (5)	3.50 ± 0.07 (5)	3.61 ± 0.03 (5)
R. Kidney					
Absolute (g)	0.97 ± 0.02 (5)	0.99 ± 0.02 (5)	1.00 ± 0.04 (5)	1.01 ± 0.02 (5)	1.03 ± 0.02 (5)
Relative (mg/g)	2.92 ± 0.03 (5)	3.03 ± 0.03 (5)	2.96 ± 0.06 (5)	3.03 ± 0.06 (5)	3.10 ± 0.03 (5)
L. Kidney					
Absolute (g)	0.99 ± 0.02 (5)	0.98 ± 0.04 (5)	1.02 ± 0.03 (5)	1.01 ± 0.02 (5)	1.02 ± 0.04 (5)
Relative (mg/g)	2.96 ± 0.08 (5)	3.01 ± 0.03 (5)	3.01 ± 0.08 (5)	3.01 ± 0.06 (5)	3.05 ± 0.08 (5)
Liver					
Absolute (g)	13.14 ± 0.52 (5)	13.48 ± 0.63 (5)	14.30 ± 0.40 (5) *	15.69 ± 0.54 (5) **	15.34 ± 0.53 (5) **
Relative (mg/g)	39.29 ± 0.88 (5)	41.44 ± 1.47 (5) **	42.31 ± 0.83 (5) **	46.85 ± 1.16 (5) **	45.93 ± 0.91 (5) **

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	Treatment Groups (mg/kg)				
	0	0.07	0.2	0.7	2
Terminal Body Wt. (g)	222.6 ± 3.1 (10)	223.6 ± 1.6 (5)	222.3 ± 1.9 (5)	223.4 ± 3.2 (5)	221.0 ± 5.1 (5)
Heart					
Absolute (g)	0.89 ± 0.01 (10)	0.85 ± 0.02 (5)	0.86 ± 0.01 (5)	0.89 ± 0.01 (5)	0.85 ± 0.02 (5)
Relative (mg/g)	4.01 ± 0.07 (10)	3.81 ± 0.07 (5)	3.87 ± 0.02 (5)	3.99 ± 0.07 (5)	3.84 ± 0.12 (5)
R. Kidney					
Absolute (g)	0.66 ± 0.01 (10) **	0.70 ± 0.01 (5)	0.68 ± 0.03 (5)	0.67 ± 0.02 (5)	0.68 ± 0.02 (5)
Relative (mg/g)	2.97 ± 0.06 (10) **	3.15 ± 0.03 (5)	3.04 ± 0.10 (5)	3.00 ± 0.04 (5)	3.08 ± 0.09 (5)
L. Kidney					
Absolute (g)	0.64 ± 0.02 (10) **	0.69 ± 0.02 (5)	0.66 ± 0.03 (5)	0.67 ± 0.01 (5)	0.68 ± 0.01 (5)
Relative (mg/g)	2.89 ± 0.06 (10) **	3.10 ± 0.10 (5)	2.97 ± 0.10 (5)	3.01 ± 0.04 (5)	3.06 ± 0.07 (5)
Liver					
Absolute (g)	8.16 ± 0.24 (10) **	8.31 ± 0.30 (5)	7.69 ± 0.31 (5)	8.16 ± 0.21 (5)	8.12 ± 0.20 (5)
Relative (mg/g)	36.65 ± 0.85 (10) **	37.16 ± 1.11 (5)	34.56 ± 1.12 (5)	36.52 ± 0.61 (5)	36.73 ± 0.38 (5)

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	Treatment Groups (mg/kg)				
	6	18	55	160	475
Terminal Body Wt. (g)	227.8 ± 3.1 (5)	224.4 ± 6.2 (5)	226.9 ± 2.5 (5)	225.6 ± 2.5 (5)	226.2 ± 4.3 (5)
Heart					
Absolute (g)	0.90 ± 0.02 (5)	0.89 ± 0.03 (5)	0.84 ± 0.02 (5)	0.88 ± 0.02 (5)	0.89 ± 0.02 (5)
Relative (mg/g)	3.97 ± 0.04 (5)	3.97 ± 0.13 (5)	3.72 ± 0.09 (5)	3.90 ± 0.08 (5)	3.93 ± 0.06 (5)
R. Kidney					
Absolute (g)	0.67 ± 0.01 (5)	0.70 ± 0.03 (5)	0.71 ± 0.01 (5) *	0.72 ± 0.03 (5) *	0.76 ± 0.02 (5) **
Relative (mg/g)	2.94 ± 0.04 (5)	3.11 ± 0.07 (5)	3.15 ± 0.06 (5)	3.21 ± 0.10 (5) *	3.34 ± 0.04 (5) **
L. Kidney					
Absolute (g)	0.67 ± 0.01 (5)	0.69 ± 0.02 (5)	0.70 ± 0.01 (5) *	0.72 ± 0.03 (5) **	0.72 ± 0.02 (5) **
Relative (mg/g)	2.92 ± 0.05 (5)	3.07 ± 0.07 (5)	3.08 ± 0.04 (5)	3.21 ± 0.09 (5) **	3.17 ± 0.05 (5) **
Liver					
Absolute (g)	9.10 ± 0.49 (5) *	9.07 ± 0.39 (5) *	9.86 ± 0.41 (5) **	9.92 ± 0.48 (5) **	10.02 ± 0.34 (5) **
Relative (mg/g)	39.90 ± 1.78 (5)	40.46 ± 1.61 (5) *	43.48 ± 1.96 (5) **	43.90 ± 1.75 (5) **	44.27 ± 0.82 (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 ****