

Study Number: C12106-01

Test Type: TOX

Route: Oral Gavage

Species/Strain: Rat/Harlan Sprague Dawley

C Number:

Study Gender:

PWG Approval Date

PA06: Organ Weights Summary

Test Compound: Fenofibrate

CAS Number: 49562-28-9

C12106-01

Male

See web page for date of PWG Approval

Date Report Requested: 11/15/2019

Time Report Requested: 13:42:01

Lab: Battelle

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Males

Treatment Groups (mg/kg)

	0	8	16	31.25	62.5
Terminal Body Wt. (g)	286.3 ± 9.8 (4) *	288.2 ± 9.4 (4)	285.9 ± 3.7 (4)	286.8 ± 9.4 (4)	293.9 ± 7.3 (4)
R. Kidney					
Absolute (g)	0.91 ± 0.02 (4)	1.01 ± 0.05 (4)	0.99 ± 0.04 (4)	0.97 ± 0.03 (4)	0.99 ± 0.05 (4)
Relative (mg/g)	3.18 ± 0.06 (4) **	3.48 ± 0.08 (4)	3.47 ± 0.12 (4)	3.40 ± 0.10 (4)	3.35 ± 0.10 (4)
L. Kidney					
Absolute (g)	0.89 ± 0.04 (4)	0.97 ± 0.03 (4)	0.97 ± 0.05 (4)	0.96 ± 0.03 (4)	0.99 ± 0.06 (4)
Relative (mg/g)	3.12 ± 0.11 (4) **	3.37 ± 0.03 (4)	3.38 ± 0.15 (4)	3.36 ± 0.10 (4)	3.37 ± 0.14 (4)
Liver					
Absolute (g)	10.81 ± 0.25 (4) **	11.85 ± 0.43 (4)	13.05 ± 0.31 (4) **	14.39 ± 0.37 (4) **	16.22 ± 0.72 (4) **
Relative (mg/g)	37.82 ± 0.67 (4) **	41.11 ± 0.57 (4) *	45.61 ± 0.49 (4) **	50.23 ± 0.56 (4) **	55.11 ± 1.09 (4) **

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Males

Treatment Groups (mg/kg)

	125	250	500	1000
Terminal Body Wt. (g)	289.5 ± 5.6 (4)	284.8 ± 5.2 (4)	274.7 ± 8.0 (4)	260.0 ± 7.4 (4)
R. Kidney				
Absolute (g)	1.01 ± 0.03 (4)	1.02 ± 0.02 (4)	0.99 ± 0.03 (4)	0.98 ± 0.05 (4)
Relative (mg/g)	3.50 ± 0.09 (4) *	3.56 ± 0.03 (4) **	3.59 ± 0.07 (4) **	3.76 ± 0.09 (4) **
L. Kidney				
Absolute (g)	0.97 ± 0.03 (4)	1.01 ± 0.03 (4)	0.96 ± 0.02 (4)	0.94 ± 0.05 (4)
Relative (mg/g)	3.36 ± 0.09 (4)	3.55 ± 0.06 (4) **	3.51 ± 0.07 (4) **	3.61 ± 0.08 (4) **
Liver				
Absolute (g)	17.04 ± 0.51 (4) **	16.65 ± 0.52 (4) **	16.69 ± 0.70 (4) **	15.18 ± 0.80 (4) **
Relative (mg/g)	58.83 ± 1.10 (4) **	58.44 ± 1.11 (4) **	60.71 ± 0.89 (4) **	58.32 ± 1.90 (4) **

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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 ****