

Study Number: C12010-01

Test Type: TOX

Route: Oral Gavage

Species/Strain: Rat/Harlan Sprague Dawley

Study Number:

Study Sex:

PWG Approval Date:

Version:

PA06: Organ Weights Summary

Test Compound: Drometrizole

CAS Number: 2440-22-4

C12010-01

Male

See web page for date of PWG Approval

v1.2.0

Date Report Requested: 05/20/2021

Time Report Requested: 14:36:44

Lab: Battelle

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Males												
Treatment Groups (mg/kg)												
	0			30			100			300		
Terminal Body Wt. (g)	331.9	± 4.2	(5)	319.2	± 8.7	(5)	329.8	± 9.2	(5)	324.1	± 8.3	(5)
Adrenal glands												
Absolute (g)	0.0437	± 0.0025	(5)	0.0476	± 0.0025	(5)	0.0452	± 0.0035	(5)	0.0501	± 0.0043	(5)
Relative (mg/g)	0.13	± 0.01	(5)	0.15	± 0.01	(5)	0.14	± 0.01	(5)	0.16	± 0.02	(5)
R. Epididymis												
Absolute (g)	0.5134	± 0.0114	(5)	0.5263	± 0.0151	(5)	0.5183	± 0.0234	(5)	0.5202	± 0.0208	(5)
Relative (mg/g)	1.55	± 0.04	(5)	1.65	± 0.07	(5)	1.57	± 0.04	(5)	1.60	± 0.05	(5)
L. Epididymis												
Absolute (g)	0.4966	± 0.0080	(5)	0.5252	± 0.0104	(5)	0.5245	± 0.0243	(5)	0.5056	± 0.0151	(5)
Relative (mg/g)	1.50	± 0.02	(5)	1.65	± 0.04	(5)	1.59	± 0.06	(5)	1.56	± 0.03	(5)
Heart												
Absolute (g)	1.15	± 0.03	(5)	1.14	± 0.04	(5)	1.18	± 0.01	(5)	1.12	± 0.04	(5)
Relative (mg/g)	3.47	± 0.07	(5)	3.56	± 0.08	(5)	3.59	± 0.13	(5)	3.45	± 0.10	(5)
R. Kidney												
Absolute (g)	0.90	± 0.03	(5)	0.93	± 0.05	(5)	0.97	± 0.03	(5)	0.95	± 0.05	(5)
Relative (mg/g)	2.71	± 0.08	(5) **	2.92	± 0.12	(5)	2.93	± 0.05	(5)	2.93	± 0.07	(5)
L. Kidney												
Absolute (g)	0.86	± 0.01	(5) *	0.90	± 0.04	(5)	0.92	± 0.03	(5)	0.95	± 0.02	(5)
Relative (mg/g)	2.59	± 0.05	(5) **	2.81	± 0.10	(5)	2.79	± 0.05	(5)	2.93	± 0.03	(5) **
Liver												
Absolute (g)	11.14	± 0.26	(5) **	11.35	± 0.30	(5)	12.40	± 0.55	(5)	12.40	± 0.55	(5)
Relative (mg/g)	33.55	± 0.49	(5) **	35.58	± 0.35	(5)	37.57	± 1.11	(5) **	38.20	± 0.71	(5) **
Lung												
Absolute (g)	1.74	± 0.10	(5)	1.88	± 0.04	(5)	1.82	± 0.10	(5)	1.61	± 0.06	(4)
Relative (mg/g)	5.25	± 0.24	(5)	5.92	± 0.23	(5)	5.52	± 0.33	(5)	5.07	± 0.19	(4)
R. Testis												
Absolute (g)	1.664	± 0.049	(5)	1.767	± 0.068	(5)	1.764	± 0.100	(5)	1.738	± 0.052	(5)
Relative (mg/g)	5.02	± 0.16	(5)	5.54	± 0.20	(5)	5.34	± 0.17	(5)	5.37	± 0.14	(5)

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Males					
Treatment Groups (mg/kg)					
	0	30	100	300	1000
L. Testis					
Absolute (g)	1.685 ± 0.044 (5)	1.789 ± 0.093 (5)	1.740 ± 0.100 (5)	1.708 ± 0.038 (5)	1.743 ± 0.042 (5)
Relative (mg/g)	5.08 ± 0.14 (5)	5.61 ± 0.29 (5)	5.26 ± 0.18 (5)	5.28 ± 0.13 (5)	5.54 ± 0.24 (5)
Thymus					
Absolute (g)	0.425 ± 0.016 (5)	0.345 ± 0.034 (5)	0.392 ± 0.040 (5)	0.452 ± 0.037 (5)	0.312 ± 0.029 (5)
Relative (mg/g)	1.28 ± 0.05 (5)	1.07 ± 0.08 (5)	1.18 ± 0.10 (5)	1.39 ± 0.08 (5)	0.98 ± 0.08 (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 $P \leq 0.01$

One value for Lung weight in the 300 mg/kg group was excluded because it was an outlier.

**** END OF REPORT ****