

Study Number: C12011-01
Test Type: TOX
Route: Oral Gavage
Species/Strain: Rat/Harlan Sprague Dawley

PA06: Organ Weights Summary
Test Compound: Bumetrizole
CAS Number: 3896-11-5

Date Report Requested: 04/21/2026
Time Report Requested: 09:37:53
Lab: Battelle

Study Number: C12011-01
Study Sex: Male
PWG Approval Date: See web page for date of PWG Approval
Version: v1.7.5
Stat Version: 2023.02.27S

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Males												
Treatment Groups (mg/kg)												
	0			30			100			300		
Terminal Body Wt. (g)	322.3	± 4.6	(5)	318.9	± 4.6	(5)	331.2	± 8.6	(5)	327.9	± 9.4	(4)
Adrenal glands												
Absolute (g)	0.0453 ± 0.0025		(5)	0.0528 ± 0.0058		(5)	0.0476 ± 0.0031		(5)	0.0494 ± 0.0008		(4)
Relative (mg/g)	0.14 ± 0.01		(5)	0.17 ± 0.02		(5)	0.14 ± 0.01		(5)	0.15 ± 0.00		(4)
R. Epididymis												
Absolute (g)	0.5351 ± 0.0209		(5)	0.5220 ± 0.0211		(5)	0.4888 ± 0.0139		(5)	0.5280 ± 0.0271		(4)
Relative (mg/g)	1.66 ± 0.08		(5)	1.64 ± 0.08		(5)	1.48 ± 0.05		(5)	1.61 ± 0.05		(4)
L. Epididymis												
Absolute (g)	0.5208 ± 0.0166		(5)	0.5308 ± 0.0287		(5)	0.4918 ± 0.0133		(5)	0.5248 ± 0.0175		(4)
Relative (mg/g)	1.62 ± 0.06		(5)	1.67 ± 0.10		(5)	1.49 ± 0.06		(5)	1.60 ± 0.03		(4)
Heart												
Absolute (g)	1.19 ± 0.03		(5)	1.11 ± 0.03		(5)	1.18 ± 0.05		(5)	1.14 ± 0.06		(4)
Relative (mg/g)	3.69 ± 0.09		(5)	3.49 ± 0.07		(5)	3.56 ± 0.12		(5)	3.48 ± 0.09		(4)
R. Kidney												
Absolute (g)	0.92 ± 0.01		(5)	0.93 ± 0.03		(5)	0.95 ± 0.03		(5)	0.92 ± 0.03		(4)
Relative (mg/g)	2.86 ± 0.06		(5)	2.92 ± 0.09		(5)	2.86 ± 0.06		(5)	2.82 ± 0.08		(4)
L. Kidney												
Absolute (g)	0.91 ± 0.02		(5)	0.91 ± 0.03		(5)	0.92 ± 0.03		(5)	0.91 ± 0.02		(4)
Relative (mg/g)	2.83 ± 0.08		(5)	2.86 ± 0.12		(5)	2.77 ± 0.05		(5)	2.76 ± 0.02		(4)
Liver												
Absolute (g)	11.00 ± 0.38		(5) **	10.89 ± 0.22		(5)	11.86 ± 0.43		(5)	11.77 ± 0.56		(4)
Relative (mg/g)	34.11 ± 0.72		(5) **	34.18 ± 0.67		(5)	35.79 ± 0.51		(5)	35.84 ± 0.79		(4)
Lung												
Absolute (g)	1.86 ± 0.09		(4)	1.74 ± 0.10		(5)	1.95 ± 0.13		(5)	1.87 ± 0.09		(4)
Relative (mg/g)	5.77 ± 0.30		(4)	5.46 ± 0.25		(5)	5.86 ± 0.27		(5)	5.70 ± 0.27		(4)
R. Testis												
Absolute (g)	1.827 ± 0.054		(5)	1.738 ± 0.034		(5)	1.683 ± 0.053		(5)	1.746 ± 0.069		(4)
Relative (mg/g)	5.67 ± 0.19		(5)	5.45 ± 0.12		(5)	5.10 ± 0.20		(5)	5.32 ± 0.07		(4)

Males					
Treatment Groups (mg/kg)					
	0	30	100	300	1000
L. Testis					
Absolute (g)	1.808 ± 0.043 (5)	1.756 ± 0.026 (5)	1.658 ± 0.042 (5)	1.762 ± 0.071 (4)	1.715 ± 0.072 (5)
Relative (mg/g)	5.62 ± 0.17 (5) *	5.51 ± 0.08 (5)	5.02 ± 0.19 (5) *	5.37 ± 0.11 (4)	5.21 ± 0.16 (5)
Thymus					
Absolute (g)	0.412 ± 0.023 (5)	0.358 ± 0.036 (5)	0.365 ± 0.031 (5)	0.459 ± 0.048 (4)	0.350 ± 0.034 (5)
Relative (mg/g)	1.28 ± 0.07 (5)	1.12 ± 0.10 (5)	1.10 ± 0.07 (5)	1.39 ± 0.12 (4)	1.06 ± 0.09 (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 of weight data 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 $p \leq 0.01$

SEM = Standard Error of the Mean

All animals were removed on Study Day 14.

One lung weight from the male 0 mg/kg group was excluded from the analysis as an outlier, along with the relative organ weight values for this animal.

**** END OF REPORT ****