

**Study Number:** MOG06065  
**Test Type:** MOG - Range Finding  
**Route:** Oral Gavage  
**Species/Strain:** Rat/Harlan Sprague Dawley

**PA06: Organ Weights Summary**  
**Test Compound:** 2,2'-Dimorpholinodiethyl Ether  
**CAS Number:** 6425-39-4

**Date Report Requested:** 03/24/2025  
**Time Report Requested:** 16:20:38  
**Lab:** Southern Research

**Study Number:** MOG06065  
**Study Sex:** Both  
**PWG Approval Date:** See web page for date of PWG Approval  
**Version:** v1.7.2  
**Stat Version:** 2023.02.27S

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F0 Females

Treatment Groups (mg/kg/day)

	0			31.25			62.5			125			250		
Terminal Body Wt. (g)	271.1	± 4.9	(9)	275.5	± 4.3	(10)	269.9	± 3.0	(9)	276.9	± 4.4	(10)	274.1	± 3.1	(8)
Heart															
Absolute (g)	1.19	± 0.03	(9)	1.23	± 0.02	(10)	1.17	± 0.02	(9)	1.13	± 0.03	(10)	1.19	± 0.03	(8)
Relative (mg/g)	4.39	± 0.09	(9)	4.45	± 0.07	(10)	4.34	± 0.12	(9)	4.07	± 0.08	(10) *	4.33	± 0.08	(8)
R. Kidney															
Absolute (g)	1.08	± 0.03	(9) *	1.11	± 0.02	(10)	1.02	± 0.03	(9)	1.10	± 0.01	(10)	1.21	± 0.02	(8) **
Relative (mg/g)	4.00	± 0.12	(9)	4.03	± 0.08	(10)	3.79	± 0.12	(9)	3.99	± 0.07	(10)	4.41	± 0.09	(8) *
L. Kidney															
Absolute (g)	1.05	± 0.02	(9)	1.06	± 0.03	(10)	1.00	± 0.03	(9)	1.06	± 0.01	(10)	1.15	± 0.03	(8) *
Relative (mg/g)	3.89	± 0.06	(9)	3.86	± 0.11	(10)	3.71	± 0.11	(9)	3.83	± 0.09	(10)	4.20	± 0.10	(8)
Liver															
Absolute (g)	13.40	± 0.41	(9) **	14.00	± 0.41	(10)	14.04	± 0.33	(9)	14.06	± 0.30	(10)	15.52	± 0.43	(8) **
Relative (mg/g)	49.43	± 1.20	(9) **	50.79	± 1.17	(10)	51.99	± 0.90	(9)	50.82	± 1.07	(10)	56.62	± 1.50	(8) **
Lung															
Absolute (g)	1.56	± 0.05	(9)	1.95	± 0.07	(10) **	1.63	± 0.06	(9)	1.64	± 0.06	(10)	1.75	± 0.14	(8)
Relative (mg/g)	5.74	± 0.13	(9)	7.09	± 0.30	(10) **	6.03	± 0.19	(9)	5.93	± 0.22	(10)	6.36	± 0.47	(8)
R. Ovary															
Absolute (g)	0.0617 ± 0.0037	(9)	0.0610 ± 0.0040	(10)	0.0545 ± 0.0037	(9)	0.0557 ± 0.0028	(10)	0.0597 ± 0.0036	(8)					
Relative (mg/g)	0.23 ± 0.01	(9)	0.22 ± 0.02	(10)	0.20 ± 0.01	(9)	0.20 ± 0.01	(10)	0.22 ± 0.01	(8)					
L. Ovary															
Absolute (g)	0.0657 ± 0.0031	(9)	0.0638 ± 0.0029	(10)	0.0543 ± 0.0045	(9)	0.0616 ± 0.0036	(10)	0.0700 ± 0.0034	(8)					
Relative (mg/g)	0.24 ± 0.01	(9)	0.23 ± 0.01	(10)	0.20 ± 0.02	(9)	0.22 ± 0.01	(10)	0.26 ± 0.01	(8)					
Thymus															
Absolute (g)	0.258 ± 0.012	(9)	0.266 ± 0.013	(10)	0.241 ± 0.012	(9)	0.260 ± 0.014	(10)	0.234 ± 0.017	(8)					
Relative (mg/g)	0.96 ± 0.05	(9)	0.97 ± 0.05	(10)	0.89 ± 0.04	(9)	0.94 ± 0.04	(10)	0.85 ± 0.06	(8)					

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## LEGEND

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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 for F0 animals 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 \*\***