

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

I04G: Mean Body Weight Gain
Test Compound: 2,2'-Dimorpholinodiethyl Ether
CAS Number: 6425-39-4

Date Report Requested: 03/21/2025
Time Report Requested: 13:38:11
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: 2022.10.13S

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F0 Females

Treatment Groups (mg/kg/day)

| Phase | Days | 0 | | 31.25 | | 62.5 | | 125 | | 250 | | 500 | |
|-----------|---------|---------------|----|-------------|----|--------------|----|-------------|----|--------------|----|----------------|----|
| | | Wt Gain (g) | N | Wt Gain (g) | N | Wt Gain (g) | N | Wt Gain (g) | N | Wt Gain (g) | N | Wt Gain (g) | N |
| Gestation | 3 - 6 | 16.4 ± 0.8 | 16 | 16.6 ± 1.8 | 9 | 13.1 ± 1.2 | 16 | 16.5 ± 1.7 | 10 | 17.0 ± 0.8 | 16 | 17.9 ± 1.0 | 10 |
| | 6 - 9 | 11.7 ± 1.1 ** | 16 | 11.5 ± 1.5 | 9 | 11.5 ± 1.6 | 16 | 9.5 ± 1.6 | 10 | 5.1 ± 1.1 ** | 16 | -8.3 ± 2.6 ** | 10 |
| | 9 - 12 | 15.2 ± 1.3 ** | 16 | 13.5 ± 1.3 | 10 | 11.2 ± 1.1 | 16 | 15.1 ± 1.4 | 10 | 12.6 ± 0.9 | 16 | -23.6 ± 2.4 ** | 10 |
| | 12 - 15 | 21.8 ± 1.3 | 16 | 22.9 ± 1.0 | 10 | 19.5 ± 2.6 | 16 | 23.9 ± 1.8 | 10 | 18.4 ± 1.6 | 16 | NA | |
| | 15 - 18 | 46.0 ± 1.3 | 16 | 46.2 ± 1.4 | 10 | 42.0 ± 2.9 | 16 | 45.2 ± 2.2 | 10 | 44.3 ± 1.9 | 16 | NA | |
| | 18 - 21 | 48.0 ± 3.1 | 13 | 49.1 ± 1.7 | 10 | 43.0 ± 4.6 | 13 | 57.9 ± 2.2 | 10 | 44.3 ± 2.9 | 13 | NA | |
| | 6 - 21 | 142.3 ± 5.4 | 13 | 142.6 ± 3.8 | 9 | 124.3 ± 10.1 | 13 | 151.6 ± 4.7 | 10 | 125.4 ± 5.9 | 13 | NA | |
| Lactation | 1 - 4 | 11.2 ± 1.7 | 13 | 15.7 ± 2.5 | 10 | 15.1 ± 3.8 | 12 | 9.4 ± 3.7 | 10 | 6.1 ± 2.9 | 13 | NA | |
| | 4 - 7 | 18.1 ± 2.4 | 10 | 17.5 ± 1.8 | 10 | 9.0 ± 4.9 | 9 | 19.3 ± 3.9 | 10 | 14.2 ± 1.9 | 9 | NA | |
| | 7 - 12 | 10.9 ± 3.7 | 10 | 4.7 ± 3.5 | 10 | 15.0 ± 6.6 | 9 | 7.3 ± 3.3 | 10 | 14.5 ± 3.7 | 9 | NA | |
| | 12 - 14 | 0.6 ± 2.0 | 10 | -5.7 ± 2.3 | 10 | -4.7 ± 1.6 | 9 | -5.3 ± 2.5 | 10 | -6.4 ± 3.1 | 9 | NA | |
| | 14 - 21 | -18.4 ± 2.0 | 10 | -15.5 ± 2.3 | 10 | -16.6 ± 2.9 | 9 | -16.9 ± 3.8 | 10 | -7.7 ± 3.1 * | 8 | NA | |
| | 21 - 24 | -16.3 ± 1.8 | 10 | -16.4 ± 1.9 | 10 | -15.2 ± 2.9 | 9 | -14.4 ± 2.8 | 10 | -10.7 ± 1.7 | 8 | NA | |
| | 24 - 28 | -8.8 ± 2.7 | 9 | 3.5 ± 3.8 * | 10 | 5.1 ± 3.0 * | 9 | -1.0 ± 2.8 | 10 | -3.8 ± 3.7 | 8 | NA | |
| | 1 - 28 | -2.3 ± 4.3 | 9 | 3.9 ± 3.9 | 10 | 4.7 ± 4.2 | 9 | -1.7 ± 4.6 | 10 | 7.2 ± 3.5 | 8 | NA | |

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LEGEND

Data are displayed as mean \pm SEM (N) unless otherwise noted.

GD - Gestation Day; LD - Lactation Day

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 $p \leq 0.01$

One F0 GD 6 and one GD 7 body weight from the 31.25 mg/kg/day dose group were excluded as outliers, along with the weight gain intervals bounded by these excluded weight values.

NA - Not Available

**** END OF REPORT ****