

Study Number: C06065

Test Type: TOX

Route: Oral Gavage

Species/Strain: Mouse/B6C3F1/N

I04G: Mean Body Weight Gain

Test Compound: 2,2'-Dimorpholinodiethyl Ether

CAS Number: 6425-39-4

Date Report Requested: 03/26/2025

Time Report Requested: 14:58:36

Lab: Southern Research

Study Number:

C06065

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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Males

Treatment Groups (mg/kg/day)

Phase	Days	0		62.5		125		250		500		1000	
		Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N
SD	1 - 4	0.0 ± 0.2	10	0.3 ± 0.1	10	0.4 ± 0.1	10	0.2 ± 0.1	10	0.2 ± 0.2	10	0.3 ± 0.2	10
	4 - 7	0.6 ± 0.1	9	0.8 ± 0.1	10	0.6 ± 0.1	10	0.6 ± 0.1	10	0.7 ± 0.0	10	0.7 ± 0.2	10
	7 - 11	0.7 ± 0.3	9	1.1 ± 0.1	10	1.2 ± 0.2	10	1.0 ± 0.1	10	1.2 ± 0.2	10	0.3 ± 0.3	10
	11 - 14	0.7 ± 0.3	9	0.4 ± 0.1	10	0.4 ± 0.1	10	0.5 ± 0.2	9	0.4 ± 0.2	10	0.5 ± 0.3	10
	14 - 18	0.6 ± 0.2 **	9	0.6 ± 0.1	10	0.8 ± 0.1	10	0.7 ± 0.1	9	1.0 ± 0.1 *	10	1.4 ± 0.1 **	10
	18 - 21	0.6 ± 0.2	9	0.4 ± 0.1	10	0.5 ± 0.1	10	0.6 ± 0.1	9	0.5 ± 0.1	10	0.3 ± 0.1	10
	21 - 25	0.7 ± 0.1	9	0.9 ± 0.1	10	0.9 ± 0.1	10	0.5 ± 0.3	9	0.9 ± 0.1	10	0.6 ± 0.2	10
	25 - 28	0.8 ± 0.1	9	0.6 ± 0.1	10	0.9 ± 0.2	10	1.2 ± 0.3	9	0.8 ± 0.1	10	0.4 ± 0.3	10
	1 - 28	4.6 ± 0.3	9	5.3 ± 0.4	10	5.8 ± 0.2 *	10	5.3 ± 0.2	9	5.7 ± 0.2	10	4.6 ± 0.4	10

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Females

Treatment Groups (mg/kg/day)

Phase	Days	0		62.5		125		250		500		1000	
		Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N	Wt Gain (g)	N
SD	1 - 4	-0.1 ± 0.2	10	-0.4 ± 0.2	10	-0.7 ± 0.2	10	-0.5 ± 0.2	10	-0.2 ± 0.2	10	-0.1 ± 0.2	10
	4 - 7	0.3 ± 0.4 **	10	0.6 ± 0.2	10	1.0 ± 0.2	10	0.5 ± 0.2	10	0.3 ± 0.2	10	-0.3 ± 0.2	10
	7 - 11	0.6 ± 0.2	10	0.8 ± 0.1	10	0.7 ± 0.1	10	0.4 ± 0.1	10	1.0 ± 0.3	10	0.2 ± 0.4	10
	11 - 14	0.4 ± 0.2 *	10	0.4 ± 0.2	10	0.3 ± 0.2	10	0.5 ± 0.3	10	0.4 ± 0.2	10	1.3 ± 0.2 *	9
	14 - 18	0.7 ± 0.1	10	0.8 ± 0.1	10	0.7 ± 0.1	10	0.7 ± 0.1	10	0.6 ± 0.0	10	0.9 ± 0.1	9
	18 - 21	1.0 ± 0.3	10	0.5 ± 0.3	10	0.3 ± 0.2	10	0.4 ± 0.1	10	0.7 ± 0.2	10	0.2 ± 0.1	9
	21 - 25	0.6 ± 0.1	10	0.7 ± 0.1	10	0.8 ± 0.2	10	0.7 ± 0.1	10	0.8 ± 0.1	10	0.8 ± 0.2	9
	25 - 28	0.0 ± 0.1	10	0.2 ± 0.2	10	0.0 ± 0.3	10	0.4 ± 0.2	10	0.7 ± 0.2	10	0.3 ± 0.2	9
	1 - 28	3.4 ± 0.3	10	3.5 ± 0.2	10	3.2 ± 0.2	10	3.1 ± 0.3	10	4.3 ± 0.1 *	10	3.2 ± 0.3	9

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LEGEND

Data are displayed as mean \pm SEM

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 $p \leq 0.01$

SD = Study Day

**** END OF REPORT ****