

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

I05: Clinical Observations Summary
Test Compound: 2,2'-Dimorpholinodiethyl Ether
CAS Number: 6425-39-4

Date Report Requested: 03/27/2025
Time Report Requested: 10:56:02
Lab: Southern Research

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

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F0 Female

Phase	Observation	Treatment Groups (mg/kg/day)					
		0	31.25	62.5	125	250	500
GD	Aggressive	0 / 16	0 / 10	0 / 16	0 / 10	0 / 16	2 / 10 GD 11
GD	Breathing, gasping	0 / 16	0 / 10	0 / 16	0 / 10	0 / 16	2 / 10 GD 13
GD	Breathing, labored	0 / 16	0 / 10	0 / 16	0 / 10	0 / 16	1 / 10 GD 12
GD	Breathing, rapid	0 / 16	0 / 10	0 / 16	0 / 10	0 / 16	1 / 10 GD 13
GD	Cold To Touch	0 / 16	0 / 10	0 / 16	0 / 10	0 / 16	1 / 10 GD 13
GD	Dehydrated	0 / 16	0 / 10	0 / 16	0 / 10	0 / 16	3 / 10 GD 13
GD	Discharge Vagina; Brown	0 / 16	0 / 10	0 / 16	0 / 10	0 / 16	1 / 10 GD 13
GD	Discharge Vagina; Red	0 / 16	0 / 10	0 / 16	0 / 10	0 / 16	6 / 10 GD 11
GD	Discolored Ear; Bilateral, Red	0 / 16	0 / 10	0 / 16	0 / 10	3 / 16 GD 12	10 / 10 GD 8
GD	Discolored Ear; Brown	0 / 16	0 / 10	1 / 16 GD 9	0 / 10	0 / 16	0 / 10

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Phase	Observation	Treatment Groups (mg/kg/day)					
		0	31.25	62.5	125	250	500
GD	Discolored Ear; Red	0 / 16	0 / 10	0 / 16	0 / 10	3 / 16 GD 16	0 / 10
GD	Discolored Fore Paw; Bilateral, Red	0 / 16	0 / 10	0 / 16	0 / 10	0 / 16	9 / 10 GD 10
GD	Discolored Hind Paw; Bilateral, Red	0 / 16	0 / 10	0 / 16	0 / 10	0 / 16	7 / 10 GD 9
GD	Discolored Hind Paw; Red	0 / 16	0 / 10	0 / 16	0 / 10	0 / 16	3 / 10 GD 11
GD	Hypoactivity	0 / 16	0 / 10	0 / 16	0 / 10	0 / 16	5 / 10 GD 12
GD	Kinked Tail	0 / 16	0 / 10	1 / 16 GD 9	0 / 10	0 / 16	0 / 10
GD	Mass Thorax; Hair-covered, Right	1 / 16 GD 14	0 / 10	0 / 16	0 / 10	0 / 16	0 / 10
GD	Nails Broken Fore Paw; Left	0 / 16	1 / 10 GD 3	0 / 16	0 / 10	0 / 16	0 / 10
GD	Nails Broken Fore Paw; Right	0 / 16	0 / 10	1 / 16 GD 7	0 / 10	0 / 16	0 / 10
GD	Nails Missing Fore Paw; Left	0 / 16	1 / 10 GD 8	0 / 16	0 / 10	0 / 16	0 / 10

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		0	31.25	62.5	125	250	500
GD	Nails Missing Hind Paw; Bilateral	0 / 16	0 / 10	0 / 16	0 / 10	0 / 16	1 / 10 GD 12
GD	Nails Missing Hind Paw; Left	0 / 16	1 / 10 GD 9	1 / 16 GD 7	0 / 10	0 / 16	1 / 10 GD 11
GD	Piloerection	0 / 16	0 / 10	0 / 16	0 / 10	1 / 16 GD 16	5 / 10 GD 12
GD	Stained Eye; Brown	0 / 16	0 / 10	0 / 16	0 / 10	0 / 16	1 / 10 GD 11
GD	Stained Eye; Brown, Right	0 / 16	0 / 10	0 / 16	0 / 10	0 / 16	1 / 10 GD 12
GD	Stained Eye; Left, Red	0 / 16	0 / 10	0 / 16	0 / 10	0 / 16	1 / 10 GD 11
GD	Stained Nose/Snout; Brown	0 / 16	0 / 10	0 / 16	0 / 10	1 / 16 GD 11	0 / 10
GD	Swelling Fore Paw; Bilateral	0 / 16	0 / 10	0 / 16	0 / 10	0 / 16	9 / 10 GD 11
GD	Swelling Hind Paw; Bilateral	0 / 16	0 / 10	0 / 16	0 / 10	0 / 16	10 / 10 GD 9
GD	Tremors Mild	0 / 16	0 / 10	0 / 16	0 / 10	0 / 16	1 / 10 GD 13

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Phase	Observation	Treatment Groups (mg/kg/day)					
		0	31.25	62.5	125	250	500
GD	Tremors Moderate	0 / 16	0 / 10	0 / 16	0 / 10	0 / 16	1 / 10 GD 15
GD	Vocalization Mild	0 / 16	0 / 10	0 / 16	0 / 10	0 / 16	2 / 10 GD 12
LD	Breathing, labored	0 / 13	0 / 10	0 / 12	0 / 10	1 / 13 LD 4	
LD	Cold To Touch	0 / 13	0 / 10	0 / 12	0 / 10	1 / 13 LD 2	
LD	Discolored Ear; Bilateral, Red	0 / 13	0 / 10	0 / 12	0 / 10	13 / 13 LD 0	
LD	Discolored Ear; Red	0 / 13	0 / 10	0 / 12	0 / 10	1 / 13 LD 0	
LD	Discolored Tip of Tail; Bilateral, Red	0 / 13	0 / 10	0 / 12	0 / 10	1 / 13 LD 1	
LD	Hypoactivity	0 / 13	0 / 10	0 / 12	0 / 10	1 / 13 LD 2	
LD	Kinked Tail	0 / 13	0 / 10	1 / 12 LD 0	0 / 10	0 / 13	
LD	Piloerection	0 / 13	0 / 10	0 / 12	0 / 10	1 / 13 LD 18	

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Phase	Observation	Treatment Groups (mg/kg/day)				
		0	31.25	62.5	125	250
LD	Scab Abdomen; Bilateral	0 / 13	0 / 10	0 / 12	1 / 10 LD 16	0 / 13
LD	Scab Abdomen; Right	0 / 13	0 / 10	0 / 12	1 / 10 LD 14	0 / 13
LD	Scab Face; Left	0 / 13	0 / 10	0 / 12	0 / 10	1 / 13 LD 11
LD	Scab Tail; Left	1 / 13 LD 6	0 / 10	0 / 12	1 / 10 LD 17	0 / 13
LD	Scab Tail; Right	0 / 13	0 / 10	0 / 12	0 / 10	1 / 13 LD 23
LD	Sore Abdomen; Bilateral	0 / 13	0 / 10	0 / 12	1 / 10 LD 17	0 / 13
LD	Sore Abdomen; Right	0 / 13	0 / 10	0 / 12	1 / 10 LD 13	0 / 13
LD	Stained Eye; Brown, Left	1 / 13 LD 9	0 / 10	0 / 12	0 / 10	0 / 13
LD	Stained Nose/Snout; Bilateral, Red	0 / 13	0 / 10	0 / 12	0 / 10	1 / 13 LD 18
LD	Stained Nose/Snout; Brown	0 / 13	0 / 10	0 / 12	1 / 10 LD 15	1 / 13 LD 17

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Phase	Observation	Treatment Groups (mg/kg/day)					
		0	31.25	62.5	125	250	500
LD	Wound Tail; Left	1 / 13 LD 5	0 / 10	0 / 12	1 / 10 LD 16	0 / 13	

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LEGEND

Animals exhibiting clinical observations "within normal limits" were recorded as scheduled but are omitted from the table for clarity.

Upper row displays cumulative number of animals with observation / total animals started on study for SD days, total number of pregnant animals for GD days, or total number of littered females for LD days.

Lower row displays day of observation onset

**** END OF REPORT ****