

Study Number: C06065

Test Type: TOX

Route: Oral Gavage

Species/Strain: Mouse/B6C3F1/N

Study Number:

Study Sex:

PWG Approval Date:

Version:

Stat Version:

PA46s: Summary of Gross Pathology

Test Compound: 2,2'-Dimorpholinodiethyl Ether

CAS Number: 6425-39-4

Final

C06065

Both

See web page for date of PWG Approval

v1.7.5

v3.1.3A

Date Report Requested: 04/16/2026

Time Report Requested: 14:59:56

Lab: Southern Research

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Male

Treatment Groups (mg/kg/day)

	0	62.5	125	250	500	1000
Disposition Summary						
Animals Initially In Study	10	10	10	10	10	10
Censored	1			1		
Early Deaths						
Survivors						
Scheduled Sacrifice, Terminal	9	10	10	9	10	10
Number of Animals Examined	10	10	10	10	10	10

ALIMENTARY SYSTEM

None

CARDIOVASCULAR SYSTEM

None

ENDOCRINE SYSTEM

None

GENERAL BODY SYSTEM

None

GENITAL SYSTEM

PREPUTIAL GLAND	(10)	(10)	(10)	(10)	(10)	(10)
ENLARGED					1 (10.0%)	
TESTES	(10)	(10)	(10)	(10)	(10)	(10)
LEFT; SMALL						1 (10.0%)

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Male

Treatment Groups (mg/kg/day)

	0	62.5	125	250	500	1000
HEMATOLYMPHOID SYSTEM						
LYMPH NODE	(10)	(10)	(10)	(10)	(10)	(10)
ILLIAC, BILATERAL; DISCOLORATION; DARK	0 **					3 (30.0%)
INGUINAL; DISCOLORATION; DARK	1 (10.0%)					
RENAL; DISCOLORATION; DARK		1 (10.0%)			1 (10.0%)	
AXILLARY; ENLARGED					1 (10.0%)	
SPLEEN	(10)	(10)	(10)	(10)	(10)	(10)
FOCUS; BLACK			1 (10.0%)			
FOCUS; DARK		1 (10.0%)				
THYMUS	(10)	(10)	(10)	(10)	(10)	(10)
SMALL	1 (10.0%)					
HEMATOPOIETIC SYSTEM						
None						
HEPATOBIILIARY SYSTEM						
None						
IMMUNE SYSTEM						
None						
INTEGUMENTARY SYSTEM						
SKIN	(10)	(10)	(10)	(10)	(10)	(10)
AXILLARY, LEFT; FOREIGN BODY	1 (10.0%)					
MUSCULOSKELETAL SYSTEM						
SKELETAL MUSCLE	(10)	(10)	(10)	(10)	(10)	(10)
FOREIGN BODY	1 (10.0%)					
NERVOUS SYSTEM						
None						

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Male

Treatment Groups (mg/kg/day)

0 62.5 125 250 500 1000

REPRODUCTIVE SYSTEM

None

RESPIRATORY SYSTEM

LARYNX	(10)	(10)	(10)	(10)	(10)	(10)
PERFORATION	1 (10.0%)					
LUNG	(10)	(10)	(10)	(10)	(10)	(10)
APICAL LOBE; FOCUS; DARK				1 (10.0%)		
THORAX	(10)	(10)	(10)	(10)	(10)	(10)
ACCUMULATION; RED			1 (10.0%)			

SPECIAL SENSES SYSTEM

None

URINARY SYSTEM

URINARY BLADDER	(10)	(10)	(10)	(10)	(10)	(10)
DILATION				2 (20.0%)		1 (10.0%)

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Female						
	Treatment Groups (mg/kg/day)					
	0	62.5	125	250	500	1000
Disposition Summary						
Animals Initially In Study	10	10	10	10	10	10
Censored						
Early Deaths						
Found Dead						1
Survivors						
Scheduled Sacrifice, Terminal	10	10	10	10	10	9
Number of Animals Examined	10	10	10	10	10	10
ALIMENTARY SYSTEM						
None						
CARDIOVASCULAR SYSTEM						
None						
ENDOCRINE SYSTEM						
None						
GENERAL BODY SYSTEM						
None						
GENITAL SYSTEM						
UTERUS	(10)	(10)	(10)	(10)	(10)	(10)
DILATION			1 (10.0%)	1 (10.0%)		1 (10.0%)
HEMATOLYMPHOID SYSTEM						
LYMPH NODE	(10)	(10)	(10)	(10)	(10)	(10)
INGUINAL; DISCOLORATION; DARK			1 (10.0%)			
SPLEEN	(10)	(10)	(10)	(10)	(10)	(10)
DISCOLORATION; DARK					1 (10.0%)	

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Female

Treatment Groups (mg/kg/day)

0

62.5

125

250

500

1000

HEMATOPOIETIC SYSTEM

None

HEPATOBIILIARY SYSTEM

None

IMMUNE SYSTEM

None

INTEGUMENTARY SYSTEM

None

MUSCULOSKELETAL SYSTEM

None

NERVOUS SYSTEM

None

REPRODUCTIVE SYSTEM

None

RESPIRATORY SYSTEM

None

SPECIAL SENSES SYSTEM

None

URINARY SYSTEM

None

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LEGEND

For this study, "Censored" refers to one male in the 0 mg/kg group that was a dosing accident and found dead and one male in the 250 mg/kg group that was a dosing accident and was euthanized.

In the rows with the tissue names, the number of animals with each tissue is shown in parentheses.

In the rows with the lesion names, the number of animals with observation are reported with percent incidence in parentheses. If none of the animals examined have the specific lesion, there is a blank for that dose group for that specific lesion. The exception to this is if statistical significance is found for a lesion and the control group has no animals with the lesion; in that case a 0 is included for the control group on the table for that lesion.

Statistical analysis performed by Cochran-Armitage (trend) and Fisher Exact (pairwise) one-sided 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 ****