

Experiment Number: F06233B

Test Type: Genetic Toxicology - In Vivo Alkaline Comet Assay

Route: Oral Gavage

Species/Strain: Mouse/B6C3F1

G01: In Vivo Alkaline Comet Summary Data

Test Compound: Malonamide

CAS Number: 108-13-4

Date Report Requested: 08/30/2018

Time Report Requested: 15:43:25

NTP Study Number:

F06233B

Study Duration:

4 day

Male Study Result:

Positive

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Sex: Male; Number of Treatments: 4; Time interval between final treatment and cell sampling: 4 h

Dose (mg/kg/day)	N	Blood		N	Liver	
		Percent Tail DNA	p-Value		Percent Tail DNA	p-Value
Vehicle Control ¹	5	6.867 ± 0.619		5	3.968 ± 0.605	
1000	5	8.955 ± 2.897	1.0000	5	2.549 ± 0.442	0.8075
1500	5	7.232 ± 0.874	1.0000	5	3.814 ± 0.783	0.6649
2000	5	6.544 ± 1.545	1.0000	5	4.221 ± 0.332	0.4799
Trend p-Value		0.5000			0.3555	
Positive Control ²	5	10.582 ± 1.116	0.0098 *	5	3.998 ± 0.439	0.4875

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Stomach

Dose (mg/kg/day)	N	Percent Tail DNA	p-Value
Vehicle Control ¹	5	6.749 ± 0.832	
1000	5	14.876 ± 2.425	0.0242 *
1500	5	13.034 ± 2.695	0.1037
2000	5	14.259 ± 2.149	0.0323
Trend p-Value		0.0185 *	
Positive Control ²	5	13.184 ± 1.101	< 0.001 *

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LEGEND

CAS Number = Chemical Abstracts Service registry number

N = Number of subjects

Values given as Mean or Mean \pm Standard Error Mean

Pairwise comparison with the control group; values are significant at $P \leq 0.025$ by Williams or Dunn's test

Dose-related trend; significant at $P \leq 0.025$ by linear regression or Jonckheere's test

* Statistically significant pairwise or trend test

1: Vehicle Control: Corn Oil

2: 25 mg/kg/day Cyclophosphamide

**** END OF REPORT ****