

Experiment Number: F66589B

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: Imidazolidinyl Urea

CAS Number: 39236-46-9

Date Report Requested: 08/30/2018

Time Report Requested: 15:44:15

NTP Study Number: F66589B

Study Duration: 4 day

Male Study Result: Negative

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

Dose (mg/kg/day)	Blood			Liver		
	N	Percent Tail DNA	p-Value	N	Percent Tail DNA	p-Value
Vehicle Control ¹	5	7.863 ± 0.586		5	10.919 ± 0.836	
1000	5	7.102 ± 0.269	0.7622	5	14.836 ± 2.106	0.1709
1500	5	7.147 ± 0.514	0.8402	5	10.647 ± 0.925	0.2071
2000	5	7.957 ± 0.490	0.5584	5	14.890 ± 0.978	0.0306
Trend p-Value		0.5493			0.1055	
Positive Control ²	5	13.655 ± 0.441	< 0.001 *	5	14.925 ± 1.294	0.0160 *

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Stomach

Dose (mg/kg/day)	N	Percent Tail DNA	p-Value
Vehicle Control ¹	5	23.985 ± 2.360	
1000	5	30.719 ± 5.205	0.2869
1500	5	22.580 ± 1.482	0.3443
2000	5	30.828 ± 2.745	0.1000
Trend p-Value		0.1902	
Positive Control ²	5	24.970 ± 1.511	0.3687

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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 ****