

Experiment Number: A30173

Test Type: Genetic Toxicology - Micronucleus

Route: Gavage

Species/Strain: Mouse/B6C3F1

G04: In Vivo Micronucleus Summary Data

Test Compound: Prilocaine hydrochloride

CAS Number: 1786-81-8

Date Report Requested: 09/20/2018

Time Report Requested: 08:52:36

NTP Study Number:

A30173

Study Duration:

24 Hours

Study Methodology:

Slide Scoring

Male Study Result:

Negative

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Tissue: Bone marrow; Sex: Male; Number of Treatments: 3; Time interval between final treatment and cell sampling: 24 h

Dose (mg/kg)	N	MN PCE/1000	p-Value	% PCE
		Mean ± SEM		Mean ± SEM
Vehicle Control ¹	5	1.00 ± 0.42		62.90 ± 2.50
15.0	5	0.50 ± 0.16	0.9017	63.60 ± 2.05
30.0	5	0.70 ± 0.20	0.7667	69.90 ± 1.13
60.0	5	1.10 ± 0.40	0.4136	64.90 ± 2.43
Trend p-Value		0.2680		
Positive Control ²	5	22.90 ± 1.21	< 0.001 *	53.80 ± 4.31

Trial Summary: Negative

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LEGEND

MN = micronucleated, PCE = polychromatic erythrocyte, NCE = normochromatic erythrocyte

CAS Number = Chemical Abstracts Service registry number

N = Number of subjects

Values given as Mean or Mean \pm Standard Error Mean

Results were tabulated as the mean of the pooled results from all animals within a treatment group, plus or minus the standard error of the mean

Pairwise comparison to the concurrent control, dosed groups significant at $p = 0.025/\text{number of treatment groups}$; positive control value is significant at $p = 0.05$

Cochran-Armitage trend test, significant at $p = 0.025$

* Statistically significant pairwise or trend test

1: Vehicle Control: Water

2: 20.0 mg/kg Cyclophosphamide

**** END OF REPORT ****