

Experiment Number: A98530

Test Type: Genetic Toxicology - Micronucleus

Route: Dosed-Feed

Species/Strain: Mouse/B6C3F1

G04: In Vivo Micronucleus Summary Data

Test Compound: 2-(4-Aminophenyl)-6-methyl-7-benzothiazole sulfonic acid

CAS Number: 130-17-6

Date Report Requested: 09/21/2018

Time Report Requested: 13:53:09

NTP Study Number:

A98530

Study Duration:

90 Days

Study Methodology:

Slide Scoring

Male Study Result:

Negative

Female Study Result:

Negative

Experiment Number: A98530

G04: In Vivo Micronucleus Summary Data

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Time Report Requested: 13:53:09

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CAS Number: 130-17-6

Species/Strain: Mouse/B6C3F1

Tissue: Blood; Sex: Male; Number of Treatments: 90; Time interval between final treatment and cell sampling: 24 h

MN NCE/1000			
Dose (mg/kg)	N	Mean ± SEM	p-Value
Vehicle Control ¹	8	0.88 ± 0.10	
0.3	10	0.89 ± 0.14	0.4816
0.5	10	1.01 ± 0.17	0.2259
1.0	10	1.29 ± 0.12	0.0171
2.0	9	1.28 ± 0.12	0.0196
4.0	10	1.04 ± 0.11	0.1764
Trend p-Value		0.1490	
Positive Control ²	3	18.37 ± 2.01	< 0.001 *

Trial Summary: Negative

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Species/Strain: Mouse/B6C3F1

Tissue: Blood; Sex: Female; Number of Treatments: 90; Time interval between final treatment and cell sampling: 24 h

MN NCE/1000			
Dose (mg/kg)	N	Mean ± SEM	p-Value
Vehicle Control ¹	10	0.63 ± 0.10	
0.3	8	0.67 ± 0.12	0.3719
0.5	9	0.64 ± 0.07	0.4458
1.0	10	0.74 ± 0.11	0.2109
2.0	10	0.73 ± 0.10	0.2200
4.0	10	0.64 ± 0.10	0.4583
Trend p-Value		0.4790	

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: Feed

2: 0.2 mg/kg Urne

**** END OF REPORT ****