

Experiment Number: A72306

Test Type: Genetic Toxicology - Micronucleus

Route: Gavage

Species/Strain: Mouse/B6C3F1

G04: In Vivo Micronucleus Summary Data

Test Compound: Salicylazosulfapyridine

CAS Number: 599-79-1

Date Report Requested: 09/21/2018

Time Report Requested: 02:17:58

NTP Study Number:

A72306

Study Duration:

72 Hours

Study Methodology:

Slide Scoring

Male Study Result:

Positive

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

MN PCE/1000			
Dose (mg/kg)	N	Mean ± SEM	p-Value
Vehicle Control ¹	5	1.60 ± 0.19	
1875.0	5	4.50 ± 0.52	< 0.001 *
2721.0	5	5.30 ± 0.34	< 0.001 *
3649.0	5	6.30 ± 0.68	< 0.001 *
Trend p-Value		< 0.001 *	
0.125 mg/kg Positive Control ²	5	83.00 ± 2.91	< 0.001 *
1.0 mg/kg Positive Control ³	5	100.20 ± 4.94	< 0.001 *

Trial Summary: Positive

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MN PCE/1000			
Dose (mg/kg)	N	Mean ± SEM	p-Value
Vehicle Control ¹	5	1.10 ± 0.29	
1389.0	5	7.20 ± 0.20	< 0.001 *
2797.0	5	9.10 ± 0.19	< 0.001 *
5634.0	5	10.70 ± 0.75	< 0.001 *
Trend p-Value		< 0.001 *	
0.125 mg/kg Positive Control ²	5	79.90 ± 6.67	< 0.001 *
1.0 mg/kg Positive Control ³	5	63.10 ± 6.54	< 0.001 *

Trial Summary: Positive

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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: Corn Oil

2: 0.125 mg/kg Vcr

3: 1.0 mg/kg Triethylenemelamine

**** END OF REPORT ****