

Experiment Number: A75206

Test Type: Genetic Toxicology - Micronucleus

Route: Gavage

Species/Strain: Mouse/B6C3F1

**G04: In Vivo Micronucleus Summary Data**

Test Compound: 1,2,3,4-Tetrahydro-9-acridinamine monohydrochloride

CAS Number: 1684-40-8

Date Report Requested: 09/21/2018

Time Report Requested: 03:40:52

**NTP Study Number:**

A75206

**Study Duration:**

72 Hours

**Study Methodology:**

Slide Scoring

**Male Study Result:**

Negative

Experiment Number: A75206

**G04: In Vivo Micronucleus Summary Data**

Date Report Requested: 09/21/2018

Test Type: Genetic Toxicology - Micronucleus

Test Compound: 1,2,3,4-Tetrahydro-9-acridinamine monohydrochloride

Time Report Requested: 03:40:52

Route: Gavage

CAS Number: 1684-40-8

Species/Strain: Mouse/B6C3F1

**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		N	MN NCE/1000		% PCE
		Mean ± SEM	p-Value		Mean ± SEM	p-Value	Mean ± SEM
Vehicle Control <sup>1</sup>	5	1.40 ± 0.43		5	0.00 ± 0.00		44.92 ± 1.63
5.0	5	1.30 ± 0.25	0.5764	5	0.00 ± 0.00	0.5000	41.66 ± 2.21
10.0	5	1.10 ± 0.33	0.7259	4	0.00 ± 0.00	0.5000	43.70 ± 2.19
20.0	5	1.70 ± 0.34	0.2949	5	0.00 ± 0.00	0.5000	43.18 ± 3.74
40.0	5	1.80 ± 0.44	0.2396	4	0.00 ± 0.00	0.5000	45.25 ± 1.55
60.0	6	1.67 ± 0.28	0.3081	6	0.00 ± 0.00	0.5000	38.45 ± 3.81
Trend p-Value		0.1370					
Positive Control <sup>2</sup>	5	27.80 ± 2.19	< 0.001 *	5	0.00 ± 0.00	0.5000	27.14 ± 4.45

Trial Summary: Negative

Experiment Number: A75206

Test Type: Genetic Toxicology - Micronucleus

Route: Gavage

Species/Strain: Mouse/B6C3F1

**G04: In Vivo Micronucleus Summary Data**

Test Compound: 1,2,3,4-Tetrahydro-9-acridinamine monohydrochloride

CAS Number: 1684-40-8

Date Report Requested: 09/21/2018

Time Report Requested: 03:40:52

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  $p = 0.025$ /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: Phosphate Buffered Saline

2: 50.0 mg/kg Cyclophosphamide

**\*\* END OF REPORT \*\***