

Experiment Number: 918660

Test Type: Genetic Toxicology - Micronucleus

Route: Gavage

Species/Strain: Mouse/B6C3F1

G04: In Vivo Micronucleus Summary Data

Test Compound: 2',3'-Dideoxyadenosine

CAS Number: 4097-22-7

Date Report Requested: 09/19/2018

Time Report Requested: 21:31:00

NTP Study Number:

918660

Study Duration:

72 Hours

Study Methodology:

Slide Scoring

Male Study Result:

Positive

Experiment Number: 918660

Test Type: Genetic Toxicology - Micronucleus

Route: Gavage

Species/Strain: Mouse/B6C3F1

G04: In Vivo Micronucleus Summary Data

Test Compound: 2',3'-Dideoxyadenosine

CAS Number: 4097-22-7

Date Report Requested: 09/19/2018

Time Report Requested: 21:31:00

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

		MN PCE/1000	% PCE	
Dose (mg/kg)	N	Mean ± SEM	p-Value	Mean ± SEM
Vehicle Control ¹	5	2.30 ± 0.46		58.30 ± 3.32
500.0	5	2.80 ± 0.70	0.3071	55.90 ± 2.78
1000.0	4	4.88 ± 0.90	0.0176	52.75 ± 3.13
2000.0	5	7.00 ± 1.57	< 0.001 *	44.60 ± 2.71
Trend p-Value		< 0.001 *		
Positive Control ²	5	3.70 ± 0.56	0.0351 *	58.10 ± 3.17
Trial Summary: Positive				

Experiment Number: 918660

Test Type: Genetic Toxicology - Micronucleus

Route: Gavage

Species/Strain: Mouse/B6C3F1

G04: In Vivo Micronucleus Summary Data

Test Compound: 2',3'-Dideoxyadenosine

CAS Number: 4097-22-7

Date Report Requested: 09/19/2018

Time Report Requested: 21:31:00

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

		MN PCE/1000	% PCE	
Dose (mg/kg)	N	Mean ± SEM	p-Value	Mean ± SEM
Vehicle Control ¹	5	1.90 ± 0.37		55.40 ± 2.69
500.0	5	2.00 ± 0.61	0.4518	47.80 ± 2.90
1000.0	5	2.20 ± 0.77	0.3614	51.00 ± 1.41
2000.0	5	3.30 ± 0.75	0.0708	51.20 ± 5.36
Trend p-Value		0.0480		
Positive Control ²	5	4.80 ± 1.29	< 0.001 *	49.70 ± 2.54
Trial Summary: Positive				

Experiment Number: 918660
Test Type: Genetic Toxicology - Micronucleus
Route: Gavage
Species/Strain: Mouse/B6C3F1

G04: In Vivo Micronucleus Summary Data
Test Compound: 2',3'-Dideoxyadenosine
CAS Number: 4097-22-7

Date Report Requested: 09/19/2018
Time Report Requested: 21:31:00

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: Carboxymethylcellulose

2: 12.5 mg/kg Dimethylbenzanthracene

**** END OF REPORT ****