

Experiment Number: 865388

Test Type: Genetic Toxicology - Micronucleus

Route: Gavage

Species/Strain: Mouse/B6C3F1

**G04: In Vivo Micronucleus Summary Data**  
Test Compound: 2',3'-Dideoxyinosine (AIDS Initiative)  
CAS Number: 69655-05-6

Date Report Requested: 09/19/2018

Time Report Requested: 20:46:55

<b>NTP Study Number:</b>	865388
<b>Study Duration:</b>	72 Hours
<b>Study Methodology:</b>	Slide Scoring
<b>Male Study Result:</b>	Negative

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

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Dose (mg/kg)	N	MN PCE/1000	p-Value	% PCE
		Mean ± SEM		Mean ± SEM
Vehicle Control <sup>1</sup>	5	2.30 ± 0.46		58.30 ± 3.32
500.0	5	1.90 ± 0.29	0.7317	58.90 ± 5.24
1000.0	5	2.40 ± 0.37	0.4419	64.00 ± 2.20
2000.0	5	2.20 ± 0.49	0.5593	64.40 ± 1.91
Trend p-Value		0.4710		
Positive Control <sup>2</sup>	5	3.70 ± 0.56	0.0351 *	58.10 ± 3.17

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Trial Summary: Negative

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		MN PCE/1000		% PCE	
Dose (mg/kg)	N	Mean ± SEM	p-Value	Mean ± SEM	
Vehicle Control <sup>1</sup>	5	2.30 ± 0.34		57.80 ± 2.12	
2000.0	5	3.90 ± 0.71	0.0209	54.50 ± 2.73	
2500.0	5	3.70 ± 0.73	0.0351	58.50 ± 2.43	
3000.0	5	2.30 ± 0.25	0.5000	58.70 ± 1.87	
Trend p-Value		0.1960			
Positive Control <sup>2</sup>	5	4.00 ± 0.84	0.0160 *	56.20 ± 1.25	

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Trial Summary: Negative

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LEGEND

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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 \*\***