

Experiment Number: A20001

Test Type: Genetic Toxicology - Micronucleus

Route: Gavage

Species/Strain: Mouse/CD-1

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

Date Report Requested: 09/20/2018

Time Report Requested: 05:16:43

**NTP Study Number:**

A20001

**Study Duration:**

58 Days

**Study Methodology:**

Slide Scoring

**Female Study Result:**

Negative

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Tissue: Blood; Sex: Female; Number of Treatments: 106; Time interval between final treatment and cell sampling: 24 h

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Dose (mg/kg)	MN PCE/1000			MN NCE/1000			% PCE
	N	Mean ± SEM	p-Value	N	Mean ± SEM	p-Value	Mean ± SEM
Vehicle Control <sup>†</sup>	8	1.19 ± 0.30		8	2.13 ± 0.41		5.44 ± 1.17
250.0	10	1.15 ± 0.22	0.5412	10	1.60 ± 0.39	0.8321	5.95 ± 0.54
500.0	9	0.67 ± 0.22	0.9439	9	1.67 ± 0.41	0.7909	6.74 ± 0.86
750.0	9	2.39 ± 0.48	0.0048 *	9	2.33 ± 0.30	0.3678	5.17 ± 0.76
Trend p-Value		0.0050 *			0.3210		

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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: Maalox

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