

Experiment Number: A10804

Test Type: Genetic Toxicology - Micronucleus

Route: Gavage

Species/Strain: Mouse/CD-1

**G04: In Vivo Micronucleus Summary Data**

Test Compound: 3'-Azido-3'-deoxythymidine and 2',3'-Dideoxyinosine (AIDS initiative)

CAS Number: AZTDDICOMB

Date Report Requested: 09/20/2018

Time Report Requested: 02:16:59

**NTP Study Number:**

A10804

**Study Duration:**

4 Days

**Study Methodology:**

Slide Scoring

**Male Study Result:**

Positive

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Tissue: Blood; Sex: Male; Number of Treatments: 0; 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	5.30 ± 0.85		29.50 ± 2.06
1.0	5	15.90 ± 5.21	0.0034 *	22.90 ± 2.93
2.0	5	21.90 ± 3.30	< 0.001 *	22.60 ± 0.48
3.0	4	28.75 ± 4.09	< 0.001 *	20.88 ± 0.69
Trend p-Value		< 0.001 *		

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Trial Summary: Positive

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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 \*\***