

Experiment Number: A76722

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: 09/21/2018

Time Report Requested: 04:23:50

NTP Study Number:

A76722

Study Duration:

1 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

Dose (mg/kg)	N	MN PCE/1000		% PCE	
		Mean ± SEM	p-Value	Mean ± SEM	
Vehicle Control ¹	5	2.60 ± 0.48		26.60 ± 1.35	
1.0	5	9.20 ± 1.15	< 0.001 *	16.60 ± 1.50	
2.0	5	16.50 ± 3.35	< 0.001 *	19.80 ± 1.85	
3.0	5	21.80 ± 2.20	< 0.001 *	23.50 ± 3.54	
Trend p-Value		< 0.001 *			

Trial Summary: Positive

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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: Maalox

**** END OF REPORT ****