

Experiment Number: A68101

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: 00:51:18

NTP Study Number:

A68101

Study Duration:

4 Months

Study Methodology:

Slide Scoring

Female Study Result:

Positive

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Time Report Requested: 00:51:18

Route: Gavage

CAS Number: AZTDDICOMB

Species/Strain: Mouse/CD-1

Tissue: Blood; Sex: Female; Number of Treatments: 0; Time interval between final treatment and cell sampling: 24 h

Dose (mg/kg)	N	MN PCE/1000		N	MN NCE/1000		% PCE
		Mean ± SEM	p-Value		Mean ± SEM	p-Value	Mean ± SEM
Vehicle Control [†]	4	3.63 ± 1.66		4	2.75 ± 0.43		4.53 ± 0.68
2.0	5	24.80 ± 3.67	< 0.001 *	5	23.60 ± 1.93	< 0.001 *	4.32 ± 1.00
3.0	4	23.13 ± 4.32	< 0.001 *	4	27.88 ± 3.29	< 0.001 *	5.33 ± 0.55
4.0	4	40.63 ± 6.78	< 0.001 *	4	38.25 ± 3.19	< 0.001 *	6.18 ± 0.91
Trend p-Value		< 0.001 *			< 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 $p = 0.025$ /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: 1.0 mg/kg Maalox

**** END OF REPORT ****