

Experiment Number: A72656

Test Type: Genetic Toxicology - Micronucleus

Route: In Utero

Species/Strain: Mouse/CD-1

G04: In Vivo Micronucleus Summary Data

Test Compound: 3'-Azido-3'-deoxythymidine and 2',3'-Dideoxycytidine

CAS Number: AZTDDCCOMB

Date Report Requested: 09/21/2018

Time Report Requested: 02:42:03

NTP Study Number:

A72656

Study Duration:

1 Days

Study Methodology:

Slide Scoring

Male Study Result:

Positive

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Tissue: Blood; Sex: Male; Number of Treatments: 1; Time interval between final treatment and cell sampling: 24 h

Dose (mg/kg)	N	MN PCE/1000	p-Value	% PCE
		Mean ± SEM		Mean ± SEM
Vehicle Control ¹	5	1.20 ± 0.51		38.00 ± 3.64
50.0	5	9.40 ± 1.25	< 0.001 *	30.30 ± 2.74
100.0	5	17.87 ± 3.67	< 0.001 *	25.40 ± 6.65
150.0	5	18.30 ± 4.94	< 0.001 *	24.70 ± 5.34
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: 0.2% Methylcellulose and 0.1% Tween 80 in water

**** END OF REPORT ****