

Experiment Number: A88072

Test Type: Genetic Toxicology - Micronucleus

Route: Gavage

Species/Strain: Mouse/B6C3F1

**G04: In Vivo Micronucleus Summary Data**

Test Compound: 3'-Azido-3'-deoxythymidine (AIDS)

CAS Number: 30516-87-1

Date Report Requested: 09/21/2018

Time Report Requested: 08:50:17

**NTP Study Number:**

A88072

**Study Duration:**

90 Days

**Study Methodology:**

Slide Scoring

**Male Study Result:**

Positive

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Tissue: Blood; Sex: Male; Number of Treatments: 65; Time interval between final treatment and cell sampling: 24 h

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| Dose (%)                     | N  | MN PCE/1000  | p-Value   | % PCE       |
|------------------------------|----|--------------|-----------|-------------|
|                              |    | Mean ± SEM   |           | Mean ± SEM  |
| Vehicle Control <sup>1</sup> | 10 | 2.10 ± 0.31  |           | 2.74 ± 0.13 |
| 25.0                         | 9  | 2.67 ± 0.41  | 0.2112    | 2.78 ± 0.16 |
| 100.0                        | 9  | 12.89 ± 1.57 | < 0.001 * | 2.47 ± 0.14 |
| 1000.0                       | 9  | 57.44 ± 4.06 | < 0.001 * | 1.96 ± 0.20 |
| 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: Solvent

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