NTP Study Number: A76722
Study Duration: 1 Days
Study Methodology: Slide Scoring
Male Study Result: Positive

G04: In Vivo Micronucleus Summary Data
Test Compound: 3'-Azido-3'-deoxythymidine and 2',3'-Dideoxyinosine (AIDS initiative)
CAS Number: AZTDDICOMB

Experiment Number: A76722
Test Type: Genetic Toxicology - Micronucleus
Route: Gavage
Species/Strain: Mouse/CD-1

Date Report Requested: 09/21/2018
Time Report Requested: 04:23:50

Study Duration: 1 Days
Study Methodology: Slide Scoring
Male Study Result: Positive
# G04: In Vivo Micronucleus Summary Data

**Experiment Number:** A76722  
**Test Type:** Genetic Toxicology - Micronucleus  
**Route:** Gavage  
**Species/Strain:** Mouse/CD-1  
**CAS Number:** AZTDDICOMB  
**Date Report Requested:** 09/21/2018  
**Time Report Requested:** 04:23:50

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

<table>
<thead>
<tr>
<th>Dose (mg/kg)</th>
<th>N</th>
<th>MN PCE/1000 (Mean ± SEM)</th>
<th>p-Value</th>
<th>% PCE (Mean ± SEM)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vehicle Control</td>
<td>5</td>
<td>2.60 ± 0.48</td>
<td></td>
<td>26.60 ± 1.35</td>
</tr>
<tr>
<td>1.0</td>
<td>5</td>
<td>9.20 ± 1.15</td>
<td>&lt; 0.001 *</td>
<td>16.60 ± 1.50</td>
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<tr>
<td>2.0</td>
<td>5</td>
<td>16.50 ± 3.35</td>
<td>&lt; 0.001 *</td>
<td>19.80 ± 1.85</td>
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<tr>
<td>3.0</td>
<td>5</td>
<td>21.80 ± 2.20</td>
<td>&lt; 0.001 *</td>
<td>23.50 ± 3.54</td>
</tr>
</tbody>
</table>

**Trend p-Value:**  
< 0.001 *

**Trial Summary:** Positive
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 ± 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: Maalox

** END OF REPORT **