Experiment Number: A66124
Test Type: Genetic Toxicology - Micronucleus
Route: Gavage
Species/Strain: Mouse/B6C3F1

NTP Study Number: A66124
Study Duration: 90 Days
Study Methodology: Slide Scoring
Male Study Result: Positive
Female Study Result: Positive
<table>
<thead>
<tr>
<th>Dose (mg/kg)</th>
<th>N</th>
<th>Mean ± SEM</th>
<th>p-Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vehicle Control</td>
<td>10</td>
<td>1.09 ± 0.08</td>
<td></td>
</tr>
<tr>
<td>675.0</td>
<td>10</td>
<td>2.57 ± 0.18</td>
<td>&lt; 0.001 *</td>
</tr>
<tr>
<td>1350.0</td>
<td>10</td>
<td>3.03 ± 0.22</td>
<td>&lt; 0.001 *</td>
</tr>
<tr>
<td>2700.0</td>
<td>10</td>
<td>2.94 ± 0.22</td>
<td>&lt; 0.001 *</td>
</tr>
</tbody>
</table>

Trend p-Value: < 0.001 *

Trial Summary: Positive
### G04: In Vivo Micronucleus Summary Data

**Test Compound:** Salicylazosulfapyridine  
**CAS Number:** 599-79-1  
**Species/Strain:** Mouse/B6C3F1

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

<table>
<thead>
<tr>
<th>Dose (mg/kg)</th>
<th>N</th>
<th>Mean ± SEM</th>
<th>p-Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vehicle Control</td>
<td>10</td>
<td>0.87 ± 0.06</td>
<td>&lt; 0.001 *</td>
</tr>
<tr>
<td>675.0</td>
<td>10</td>
<td>1.98 ± 0.18</td>
<td>&lt; 0.001 *</td>
</tr>
<tr>
<td>1350.0</td>
<td>10</td>
<td>2.29 ± 0.19</td>
<td>&lt; 0.001 *</td>
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<tr>
<td>2700.0</td>
<td>10</td>
<td>2.08 ± 0.12</td>
<td>&lt; 0.001 *</td>
</tr>
</tbody>
</table>

Trend p-Value: < 0.001 *

**Trial Summary:** Positive
G04: In Vivo Micronucleus Summary Data
Test Compound: Salicylazosulfapyridine
CAS Number: 599-79-1

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: Corn Oil

** END OF REPORT **