<table>
<thead>
<tr>
<th></th>
<th>Female</th>
<th>Treatment Groups (mg/kg)</th>
<th>400 ¹</th>
<th>400 ²</th>
<th>100 IV ³</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>Plasma</td>
<td>Plasma</td>
<td>Plasma</td>
</tr>
<tr>
<td>C&lt;sub&gt;max&lt;/sub&gt; (ug/mL)</td>
<td></td>
<td></td>
<td>240</td>
<td>268</td>
<td></td>
</tr>
<tr>
<td>k&lt;sub&gt;10&lt;/sub&gt; (minute^-1)</td>
<td></td>
<td></td>
<td>0.0200</td>
<td>0.0175</td>
<td>0.0283</td>
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<tr>
<td>t&lt;sub&gt;1/2(k10)&lt;/sub&gt; (minute)</td>
<td>34.62</td>
<td></td>
<td>39.52</td>
<td>24.51</td>
<td></td>
</tr>
<tr>
<td>V&lt;sub&gt;l&lt;/sub&gt; (mL/g)</td>
<td></td>
<td></td>
<td>0.699</td>
<td>0.795</td>
<td>0.499</td>
</tr>
<tr>
<td>AUC&lt;sub&gt;inf&lt;/sub&gt; (percent of dose<em>g</em>min/mL)</td>
<td>4298</td>
<td></td>
<td>5595</td>
<td>7080</td>
<td></td>
</tr>
<tr>
<td>F (percent of iv value)</td>
<td></td>
<td></td>
<td>60.7</td>
<td>79.0</td>
<td>100</td>
</tr>
</tbody>
</table>
Experiment Number: S0305_2
Route: Gavage, IV
Species/Strain: Mouse/CD-1

Toxicokinetics Data Summary
Test Compound: 3'-Azido-3'-deoxythymidine
CAS Number: 30516-87-1

Date Report Requested: 01/11/2017
Time Report Requested: 12:23:24
Lab: Research Triangle Institute

LEGEND

Data are displayed as mean values

MODELING METHOD & BEST FIT MODEL
   ADAPT II, a pharmacokinetic modeling package; 1-compartment, mono-exponential model

ANALYTE
   3'-Azido-3'-deoxythymidine

DOSING
   1 400 mg/kg of 3'-Azido-3'-deoxythymidine administered twice daily for 10 days, followed by a single time-interval exposure on day 11 (total of 21 doses)
   2 400 mg/kg of 3'-Azido-3'-deoxythymidine administered once per study
   3 100 mg/kg of 3'-Azido-3'-deoxythymidine administered once per study

TK PARAMETERS
   Cmax = Observed or Predicted Maximum plasma (or tissue) concentration
   k10 = Elimination rate constant from the central compartment also k_e or k_{elim}
   t_{1/2(k10)} = Half-life for the elimination process from the central compartment
   V1 = Volume of distribution of the central compartment, includes V_d and V_{volume of distribution}, V_z apparent volume of distribution NCA, V_{app} apparent volume of distribution for intravenous studies
   AUC_{inf} = Area under the plasma concentration versus time curve, AUC, extrapolated to time equals infinity
   F = Bioavailability, absolute bioavailability

** END OF REPORT **