Abacavir

Cat. No.: HY-17423
CAS No.: 136470-78-5
Molecular Formula: C₁₄H₁₈N₆O
Molecular Weight: 286.33
Target: HIV; Reverse Transcriptase
Pathway: Anti-infection
Storage:
- Powder -20°C 3 years
- 4°C 2 years
- In solvent -80°C 6 months
- -20°C 1 month

SOLVENT & SOLUBILITY

In Vitro

DMSO : ≥ 3 mg/mL (10.48 mM)
* “≥” means soluble, but saturation unknown.

Preparing Stock Solutions

<table>
<thead>
<tr>
<th>Concentration</th>
<th>1 mg</th>
<th>5 mg</th>
<th>10 mg</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 mM</td>
<td>3.4925 mL</td>
<td>17.4624 mL</td>
<td>34.9247 mL</td>
</tr>
<tr>
<td>5 mM</td>
<td>0.6985 mL</td>
<td>3.4925 mL</td>
<td>6.9849 mL</td>
</tr>
<tr>
<td>10 mM</td>
<td>0.3492 mL</td>
<td>1.7462 mL</td>
<td>3.4925 mL</td>
</tr>
</tbody>
</table>

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description
Abacavir is a potent nucleoside analog reverse-transcriptase inhibitor (NRTI).

CUSTOMER VALIDATION

- J Mol Liq. 2018 Feb;251:345-357.

See more customer validations on www.MedChemExpress.com

REFERENCES