Valopicitabine

Cat. No.: HY-108060
CAS No.: 640281-90-9
Molecular Formula: C₁₅H₂₄N₄O₆
Molecular Weight: 356.37
Target: HIV
Pathway: Anti-infection
Storage: Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

<table>
<thead>
<tr>
<th>Description</th>
<th>Valopicitabine (NM283), an efficient prodrug of the potent anti-HCV agent 2'-C-methylcytidine, acts as a promising antiviral agent for reasearch of chronic HCV infection[1].</th>
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</thead>
<tbody>
<tr>
<td>IC₅₀ &amp; Target</td>
<td>HCV[1]</td>
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<td>In Vivo</td>
<td>Valopicitabine (NM 283) has potent antiviral activity against chronic hepatitis C virus genotype-1 in the chimpanzee[1]. Valopicitabine exhibits moderate C&lt;sub&gt;max&lt;/sub&gt; (3.62 ug/mL) and terminal elimination half-lives (T&lt;sub&gt;1/2&lt;/sub&gt; 0.64 h) following oral administration (100 mg/kg) in Sprague-Dawley rats[2]. MCE has not independently confirmed the accuracy of these methods. They are for reference only.</td>
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</table>

### REFERENCES
