Omadacycline

Cat. No.: HY-14865
CAS No.: 389139-89-3
Molecular Formula: C₉H₄₀N₄O₇
Molecular Weight: 556.65
Target: Bacterial
Pathway: Anti-infection
Storage: Please store the product under the recommended conditions in the COA.

Solvent & Solubility

In Vitro

<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>1.7965 mL</td>
<td>8.9823 mL</td>
<td>17.9646 mL</td>
</tr>
<tr>
<td>5 mM</td>
<td>0.3593 mL</td>
<td>1.7965 mL</td>
<td>3.5929 mL</td>
</tr>
<tr>
<td>10 mM</td>
<td>0.1796 mL</td>
<td>0.8982 mL</td>
<td>1.7965 mL</td>
</tr>
</tbody>
</table>

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

BIOLOGICAL ACTIVITY

Description

Omadacycline is a new tetracycline antibiotic in the pipeline, which can inhibit the 30s subunit of bacterial ribosome. IC50 Value: Target: Antibacterial in vitro: in vivo: Clinical trial: Phase III Study to Compare the Safety and Efficacy of PTK-0796 in Patients With Complicated Skin and Skin Structure Infection (CSSSI).

REFERENCES


Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com
Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA