Omadacycline tosylate

Cat. No.: HY-14865B
CAS No.: 1075240-43-5
Molecular Formula: C₃₆H₄₈N₄O₁₀S
Molecular Weight: 728.85
Target: Bacterial
Pathway: Anti-infection
Storage: Please store the product under the recommended conditions in the COA.

Solvent & Solubility

In Vitro 10 mM in DMSO

<table>
<thead>
<tr>
<th>Preparing Stock Solutions</th>
<th>1 mg</th>
<th>5 mg</th>
<th>10 mg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solvent Mass Concentration</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1 mM</td>
<td>1.372 mL</td>
<td>6.860 mL</td>
<td>13.720 mL</td>
</tr>
<tr>
<td>5 mM</td>
<td>0.274 mL</td>
<td>1.372 mL</td>
<td>2.744 mL</td>
</tr>
<tr>
<td>10 mM</td>
<td>0.137 mL</td>
<td>0.686 mL</td>
<td>1.372 mL</td>
</tr>
</tbody>
</table>

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

BIOLOGICAL ACTIVITY

Description
Omadacycline tosylate 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).

CUSTOMER VALIDATION


See more customer validations on www.MedChemExpress.com

REFERENCES

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

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