Cefmenoxime hydrochloride

Cat. No.: HY-B0875
CAS No.: 75738-58-8
Molecular Formula: C₁₆H₁₇N₉O₅S₃ . ½ HCl
Molecular Weight: 529.79
Target: Bacterial
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: 65 mg/mL (122.69 mM; Need ultrasonic and warming)

<table>
<thead>
<tr>
<th>Preparing Stock Solutions</th>
<th>Solvent Concentration</th>
<th>1 mg</th>
<th>5 mg</th>
<th>10 mg</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1 mM</td>
<td>1.8875 mL</td>
<td>9.4377 mL</td>
<td>18.8754 mL</td>
</tr>
<tr>
<td></td>
<td>5 mM</td>
<td>0.3775 mL</td>
<td>1.8875 mL</td>
<td>3.7751 mL</td>
</tr>
<tr>
<td></td>
<td>10 mM</td>
<td>0.1888 mL</td>
<td>0.9438 mL</td>
<td>1.8875 mL</td>
</tr>
</tbody>
</table>

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

BIOLOGICAL ACTIVITY

Description
Cefmenoxime hydrochloride is a third-generation cephalosporin antibiotic.

REFERENCES


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

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