Pipemidic acid

Cat. No.: HY-B1210
CAS No.: 51940-44-4
Molecular Formula: C₁₄H₁₇N₅O₃
Molecular Weight: 303.32
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 : 5.45 mg/mL (17.97 mM; Need ultrasonic and warming)

Preparing Stock Solutions

<table>
<thead>
<tr>
<th>Concentration</th>
<th>Solvent Mass 1 mg</th>
<th>Solvent Mass 5 mg</th>
<th>Solvent Mass 10 mg</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 mM</td>
<td>3.2968 mL</td>
<td>16.4842 mL</td>
<td>32.9685 mL</td>
</tr>
<tr>
<td>5 mM</td>
<td>0.6594 mL</td>
<td>3.2968 mL</td>
<td>6.5937 mL</td>
</tr>
<tr>
<td>10 mM</td>
<td>0.3297 mL</td>
<td>1.6484 mL</td>
<td>3.2968 mL</td>
</tr>
</tbody>
</table>

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

BIOLOGICAL ACTIVITY

Description
Pipemidic acid is a new antibacterial agent, is active against Pseudomonas aeruginosa.

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