Sulfanitran

Cat. No.: HY-B0947  
CAS No.: 122-16-7  
Molecular Formula: C₁₄H₁₃N₃O₅S  
Molecular Weight: 335.34  
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 : ≥ 22 mg/mL (65.61 mM)  
* “≥” means soluble, but saturation unknown.

<table>
<thead>
<tr>
<th>Preparing Stock Solutions</th>
<th>Solvent Concentration</th>
<th>Mass 1 mg</th>
<th>Mass 5 mg</th>
<th>Mass 10 mg</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1 mM</td>
<td>2.9820 mL</td>
<td>14.9102 mL</td>
<td>29.8205 mL</td>
</tr>
<tr>
<td></td>
<td>5 mM</td>
<td>0.5964 mL</td>
<td>2.9820 mL</td>
<td>5.9641 mL</td>
</tr>
<tr>
<td></td>
<td>10 mM</td>
<td>0.2982 mL</td>
<td>1.4910 mL</td>
<td>2.9820 mL</td>
</tr>
</tbody>
</table>

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

BIOLOGICAL ACTIVITY

Description  
Sulfanitran is a sulfonamide antiinfective drug.

REFERENCES
