7beta-Hydroxylathyrol

Cat. No.: HY-N1484
CAS No.: 34208-98-5
Molecular Formula: C_{20}H_{30}O_{5}
Molecular Weight: 350.45
Target: Others
Pathway: Others
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: 16.67 mg/mL (47.57 mM; Need ultrasonic)

<table>
<thead>
<tr>
<th>Solvent</th>
<th>Mass</th>
<th>1 mg</th>
<th>5 mg</th>
<th>10 mg</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 mM</td>
<td>2.8535 mL</td>
<td>14.2674 mL</td>
<td>28.5347 mL</td>
<td></td>
</tr>
<tr>
<td>5 mM</td>
<td>0.5707 mL</td>
<td>2.8535 mL</td>
<td>5.7069 mL</td>
<td></td>
</tr>
<tr>
<td>10 mM</td>
<td>0.2853 mL</td>
<td>1.4267 mL</td>
<td>2.8535 mL</td>
<td></td>
</tr>
</tbody>
</table>

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

**In Vivo**

1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
   Solubility: ≥ 1.67 mg/mL (4.77 mM); Clear solution
2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
   Solubility: ≥ 1.67 mg/mL (4.77 mM); Clear solution
3. Add each solvent one by one: 10% DMSO >> 90% corn oil
   Solubility: ≥ 1.67 mg/mL (4.77 mM); Clear solution

**BIOLOGICAL ACTIVITY**

Description
7beta-Hydroxylathyrol is a natural product.
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