Cryptochlorogenic acid

Cat. No.: HY-N0787
CAS No.: 905-99-7
Molecular Formula: C₁₆H₁₈O₉
Molecular Weight: 354.31
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: 50 mg/mL (141.12 mM; Need ultrasonic)

<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>2.8224 mL</td>
<td>14.1119 mL</td>
<td>28.2239 mL</td>
</tr>
<tr>
<td></td>
<td>5 mM</td>
<td>0.5645 mL</td>
<td>2.8224 mL</td>
<td>5.6448 mL</td>
</tr>
<tr>
<td></td>
<td>10 mM</td>
<td>0.2822 mL</td>
<td>1.4112 mL</td>
<td>2.8224 mL</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: ≥ 3.25 mg/mL (9.17 mM); Clear solution
2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
   Solubility: ≥ 3.25 mg/mL (9.17 mM); Clear solution
3. Add each solvent one by one: 10% DMSO >> 90% corn oil
   Solubility: ≥ 3.25 mg/mL (9.17 mM); Clear solution

**BIOLOGICAL ACTIVITY**

**Description**
Cryptochlorogenic acid is a natural product.

**REFERENCES**