**Astragaloside I**

Cat. No.: HY-N0432  
CAS No.: 84680-75-1  
Molecular Formula: C₄₅H₇₂O₁₆  
Molecular Weight: 869.04  
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 (57.53 mM; Need ultrasonic)  
H₂O : < 0.1 mg/mL (insoluble)

<table>
<thead>
<tr>
<th>Concentration</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>1.1507 mL</td>
<td>5.7535 mL</td>
<td>11.5070 mL</td>
<td></td>
</tr>
<tr>
<td>5 mM</td>
<td>0.2301 mL</td>
<td>1.1507 mL</td>
<td>2.3014 mL</td>
<td></td>
</tr>
<tr>
<td>10 mM</td>
<td>0.1151 mL</td>
<td>0.5753 mL</td>
<td>1.1507 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: ≥ 3.25 mg/mL (3.74 mM); Clear solution  
2. Add each solvent one by one: 10% DMSO >> 90% corn oil  
Solubility: ≥ 3.25 mg/mL (3.74 mM); Clear solution

### BIOLOGICAL ACTIVITY

Description  
Astragaloside I is a natural product isolated from Astragalus.

### REFERENCES
