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)

Preparing Stock Solutions

<table>
<thead>
<tr>
<th>Solvent Concentration</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>
</tr>
<tr>
<td>5 mM</td>
<td>0.2301 mL</td>
<td>1.1507 mL</td>
<td>2.3014 mL</td>
</tr>
<tr>
<td>10 mM</td>
<td>0.1151 mL</td>
<td>0.5753 mL</td>
<td>1.1507 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 (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

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