Gynostemma Extract

Cat. No.: HY-N0167
CAS No.:     80321-63-7
Molecular Formula: C₄₇H₈₀O₁₇
Molecular Weight: 917.13
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 : 25 mg/mL (27.26 mM; Need ultrasonic)
H₂O : < 0.1 mg/mL (insoluble)

<table>
<thead>
<tr>
<th>Preparing Stock Solutions</th>
<th>Solvent Concentration</th>
<th>Mass 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></td>
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<tr>
<td></td>
<td>5 mM</td>
<td></td>
<td>0.2181 mL</td>
<td>1.0904 mL</td>
<td>2.1807 mL</td>
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<tr>
<td></td>
<td>10 mM</td>
<td></td>
<td>0.1090 mL</td>
<td>0.5452 mL</td>
<td>1.0904 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: ≥ 2.5 mg/mL (2.73 mM); Clear solution

BIOLOGICAL ACTIVITY

Description
Gynostemma Extract (Ginsenoside C-Mx1) 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