Triptonide

Cat. No.: HY-32736
CAS No.: 38647-11-9
Molecular Formula: C₂₀H₂₂O₆
Molecular Weight: 358.39
Target: Wnt; β-catenin
Pathway: Stem Cell/Wnt
Storage: Powder -20°C 3 years
4°C 2 years
In solvent -80°C 6 months
-20°C 1 month

Solvent & Solubility

In Vitro 10 mM in DMSO

<table>
<thead>
<tr>
<th>Preparing Stock Solutions</th>
<th>Solvent Concentration</th>
<th>Mass 1 mg</th>
<th>5 mg</th>
<th>10 mg</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 mM</td>
<td>2.7903 mL</td>
<td>13.9513 mL</td>
<td>27.9026 mL</td>
<td></td>
</tr>
<tr>
<td>5 mM</td>
<td>0.5581 mL</td>
<td>2.7903 mL</td>
<td>5.5805 mL</td>
<td></td>
</tr>
<tr>
<td>10 mM</td>
<td>0.2790 mL</td>
<td>1.3951 mL</td>
<td>2.7903 mL</td>
<td></td>
</tr>
</tbody>
</table>

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

BIOLOGICAL ACTIVITY

Description
Triptonide (NSC 165677; PG 492), extracted from Tripterygium wilfordii Hook, inhibited the proliferation of mouse splenocytes induced by suboptimal concentration of concanavalin A or lipopolysaccharide at concentrations of 0.02, 0.1, and 0.5 mg/ml.

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

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