Setiptiline

Cat. No.: HY-32329
CAS No.: 57262-94-9
Molecular Formula: C₁₉H₁₉N
Molecular Weight: 261.36
Target: 5-HT Receptor
Pathway: GPCR/G Protein; Neuronal Signaling
Storage:
- Powder -20°C 3 years
  4°C  2 years
- In solvent -80°C 6 months
  -20°C 1 month

SOLVENT & SOLUBILITY

<table>
<thead>
<tr>
<th>Solvent</th>
<th>Mass (mg/mL)</th>
<th>1 mg</th>
<th>5 mg</th>
<th>10 mg</th>
</tr>
</thead>
<tbody>
<tr>
<td>DMSO</td>
<td>95.65 mM</td>
<td>3.8261 mL</td>
<td>19.1307 mL</td>
<td>38.2614 mL</td>
</tr>
<tr>
<td>H₂O</td>
<td>&lt; 0.1 mg/mL</td>
<td>insoluble</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Preparing Stock Solutions

1. Add each solvent one by one: 10% DMSO >> 90% corn oil
   Solubility: ≥ 2.5 mg/mL (9.57 mM); Clear solution

BIOLOGICAL ACTIVITY

Description
Setiptiline(Org-8282) is a serotonin receptor antagonist. IC 50 value: Target: 5-HT receptor
Setiptiline is a tetracyclic antidepressant (TeCA) which acts as a noradrenergic and specific serotonergic antidepressant (NaSSA). Setiptiline acts as a norepinephrine reuptake inhibitor, α2-adrenergic receptor antagonist, and serotonin receptor antagonist, likely at the 5-HT2A, 5-HT2C, and/or 5-HT3 subtypes, as well as an H1 receptor inverse agonist/antihistamine. From Wikipedia.

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