Basmisanil

Cat. No.: HY-16716
CAS No.: 1159600-41-5
Molecular Formula: C₂₁H₂₀FN₃O₅S
Molecular Weight: 445.46
Target: GABA Receptor
Pathway: Membrane Transporter/Ion Channel; Neuronal Signaling
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: ≥ 32 mg/mL (71.84 mM)
* "≥" means soluble, but saturation unknown.

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>2.2449 mL</td>
<td>11.2244 mL</td>
<td>22.4487 mL</td>
</tr>
<tr>
<td>5 mM</td>
<td>0.4490 mL</td>
<td>2.2449 mL</td>
<td>4.4897 mL</td>
</tr>
<tr>
<td>10 mM</td>
<td>0.2245 mL</td>
<td>1.1224 mL</td>
<td>2.2449 mL</td>
</tr>
</tbody>
</table>

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

BIOLOGICAL ACTIVITY

Description
Basmisanil is a highly selective GABAα5 negative allosteric modulator.

REFERENCES


Caution: Product has not been fully validated for medical applications. For research use only.
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