Frentizole

Cat. No.: HY-15374
CAS No.: 26130-02-9
Molecular Formula: C₁₅H₁₃N₃O₂S
Molecular Weight: 299.35
Target: Amyloid-β
Pathway: Neuronal Signaling
Storage:
- Powder
  - -20°C: 3 years
  - 4°C: 2 years
- In solvent
  - -80°C: 6 months
  - -20°C: 1 month

In Vitro
DMSO: ≥ 3 mg/mL (10.02 mM)
* “≥” means soluble, but saturation unknown.

Preparing Stock Solutions

<table>
<thead>
<tr>
<th>Solvent Concentration</th>
<th>Mass (mL)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1 mg</td>
</tr>
<tr>
<td>1 mM</td>
<td>3.3406 mL</td>
</tr>
<tr>
<td>5 mM</td>
<td>0.6681 mL</td>
</tr>
<tr>
<td>10 mM</td>
<td>0.3341 mL</td>
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</tbody>
</table>

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

BIOLOGICAL ACTIVITY

Description
Frentizole, an FDA-approved immunosuppressive drug, is a novel inhibitor of the Aβ-ABAD interaction. IC50 value: Target: Aβ-ABAD interaction

REFERENCES

[1]. I I Scheetz ME, D G Carlson, and M R Schinitsky Frentizole, a novel immunosuppressive, and azathioprine: their comparative effects on host resistance to Pseudomonas aeruginosa, Candida albicans, herpes simplex virus, and influenza (Ann Arbor) virus. Infec

