**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

**Solvent & Solubility**

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

<table>
<thead>
<tr>
<th>Solvent Concentration</th>
<th>Mass 1 mg</th>
<th>Mass 5 mg</th>
<th>Mass 10 mg</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 mM</td>
<td>3.3406 mL</td>
<td>16.7029 mL</td>
<td>33.4057 mL</td>
</tr>
<tr>
<td>5 mM</td>
<td>0.6681 mL</td>
<td>3.3406 mL</td>
<td>6.6811 mL</td>
</tr>
<tr>
<td>10 mM</td>
<td>0.3341 mL</td>
<td>1.6703 mL</td>
<td>3.3406 mL</td>
</tr>
</tbody>
</table>

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

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