Alicapstat

Cat. No.: HY-109001
CAS No.: 1254698-46-8
Molecular Formula: C$_{25}$H$_{27}$N$_3$O$_4$
Molecular Weight: 433.5
Target: Proteasome
Pathway: Metabolic Enzyme/Protease
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>In Vitro</th>
<th>DMSO: 8.33 mg/mL (19.22 mM; Need ultrasonic)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Preparing Stock Solutions</td>
<td><strong>Solvent</strong></td>
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<tr>
<td>1 mM</td>
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<tr>
<td>5 mM</td>
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<td>10 mM</td>
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Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Alicapstat (ABT-957) is an orally active selective inhibitor of human calpains 1 and 2 for the potential use in the treatment of Alzheimer’s disease (AD).

IC$_{50}$ & Target

Human calpains 1, 2$^{[1]}$.

REFERENCES
