Bephenium hydroxynaphthoate

Cat. No.: HY-12639A
CAS No.: 3818-50-6
Molecular Formula: C₂₈H₂₉NO₄
Molecular Weight: 443.53
Target: Parasite
Pathway: Anti-infection
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 : ≥ 44 mg/mL (99.20 mM)

* “≥” means soluble, but saturation unknown.

Preparing Stock Solutions

<table>
<thead>
<tr>
<th>Concentration</th>
<th>1 mg</th>
<th>5 mg</th>
<th>10 mg</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 mM</td>
<td>2.2546 mL</td>
<td>11.2732 mL</td>
<td>22.5464 mL</td>
</tr>
<tr>
<td>5 mM</td>
<td>0.4509 mL</td>
<td>2.2546 mL</td>
<td>4.5093 mL</td>
</tr>
<tr>
<td>10 mM</td>
<td>0.2255 mL</td>
<td>1.1273 mL</td>
<td>2.2546 mL</td>
</tr>
</tbody>
</table>

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

BIOLOGICAL ACTIVITY

Description

Bephenium hydroxynaphthoate is an anthelmintic agent formerly used in the treatment of hookworm infections and ascariasis; B-type AChR activator.

REFERENCES


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

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