Ambutonium bromide

Cat. No.: HY-U00067
CAS No.: 115-51-5
Molecular Formula: C₂₀H₂₇BrN₂O
Molecular Weight: 391.35
Target: mAChR
Pathway: GPCR/G Protein; Neuronal Signaling
Storage: Please store the product under the recommended conditions in the COA.

Solvent & Solubility

<table>
<thead>
<tr>
<th>Concentration</th>
<th>Solvent &amp; Solubility</th>
<th>Mass</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>1 mg</td>
</tr>
<tr>
<td></td>
<td></td>
<td>5 mg</td>
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<tr>
<td></td>
<td></td>
<td>10 mg</td>
</tr>
<tr>
<td>1 mM</td>
<td></td>
<td>2.5553 mL</td>
</tr>
<tr>
<td>5 mM</td>
<td></td>
<td>0.5111 mL</td>
</tr>
<tr>
<td>10 mM</td>
<td></td>
<td>0.2555 mL</td>
</tr>
</tbody>
</table>

Preparing Stock Solutions

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

BIOLOGICAL ACTIVITY

Description
Ambutonium bromide is an acetylcholine antagonist.

IC₅₀ & Target
Acetylcholine[^1]

In Vitro
Ambutonium bromide is a new anticholinergic agent in ulcer therapy[^2].

REFERENCES

[^1]. Southgate PJ. Central and peripheral actions of the acetylcholine antagonist, ambutonium bromide. Arch Int Pharmacodyn Ther. 1972 Apr;196(2):376-82.
