# Neostigmine Bromide

**Cat. No.:** B1594  
**CAS No.:** 114-80-7  
**Formula:** C₁₂H₁₉N₂O₂·Br  
**M.Wt:** 303.2  
**Synonyms:**  
**Target:** Neuroscience  
**Pathway:** AChR  
**Storage:** Store at -20°C  

## Solvent & Solubility

In Vitro  
**Stock Solutions**

<table>
<thead>
<tr>
<th>Mass</th>
<th>Solvent</th>
<th>1mg</th>
<th>5mg</th>
<th>10mg</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 mM</td>
<td></td>
<td>3.2982 mL</td>
<td>16.4908 mL</td>
<td>32.9815 mL</td>
</tr>
<tr>
<td>5 mM</td>
<td></td>
<td>0.6596 mL</td>
<td>3.2982 mL</td>
<td>6.5963 mL</td>
</tr>
<tr>
<td>10 mM</td>
<td></td>
<td>0.3298 mL</td>
<td>1.6491 mL</td>
<td>3.2982 mL</td>
</tr>
</tbody>
</table>

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

## Biological Activity

**Shortsummary**  
Cholinesterase inhibitor

**IC₅₀ & Target**  
In Vitro  
**Cell Viability Assay**  
Preparation method:

<table>
<thead>
<tr>
<th>Animal experiment</th>
<th>Applications:</th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
</table>

## Product Citations
See more customer validations on [www.apexbt.com](http://www.apexbt.com).

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