**Product Data Sheet**

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**Astemizole**

- **Cat. No.:** B7409
- **CAS No.:** 68844-77-9
- **Formula:** C28H31FN4O
- **M.Wt.:** 458.57
- **Synonyms:**
- **Target:** Neuroscience
- **Pathway:** Histamine Receptor
- **Storage:** Store at -20°C

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**Solvent & Solubility**

In Vitro

**Preparation of Stock Solutions**

<table>
<thead>
<tr>
<th>Concentration</th>
<th>Mass</th>
<th>Solvent &amp; Solubility</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 mM</td>
<td>1mg</td>
<td>&gt;11.46 mg/mL in DMSO with gentle warming; ≥12.46 mg/mL in EtOH</td>
</tr>
<tr>
<td>5 mM</td>
<td>10mg</td>
<td>21.8069 mL</td>
</tr>
<tr>
<td>10 mM</td>
<td>10mg</td>
<td>21.8069 mL</td>
</tr>
</tbody>
</table>

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

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**Biological Activity**

**Shortsummary**

anti-histamine compound, potent

**IC₅₀ & Target**

**In Vitro**

**Cell Viability Assay**

<table>
<thead>
<tr>
<th>Preparation method:</th>
</tr>
</thead>
</table>

**Animal experiment**

**Applications:**

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**Product Citations**

FOR RESEARCH PURPOSES ONLY.
NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.
Specific storage and handling information for each product is indicated on the product datasheet. Most APExBIO products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Short-term storage of many products are stable in the short-term at temperatures that differ from that required for long-term storage. We ensure that the product is shipped under conditions that will maintain the quality of the reagents. Upon receipt of the product, follow the storage recommendations on the product data sheet.

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