Montelukast Sodium

Cat. No.: B1792
CAS No.: 151767-02-1
Formula: C35H35ClNNaO3S
M.Wt.: 608.17
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Synonyms:
Target: GPCR/G protein
Pathway: CysLT1 receptor
Storage: Store at -20°C

Solvent & Solubility

<table>
<thead>
<tr>
<th>Solvent</th>
<th>Mass</th>
<th>1mg</th>
<th>5mg</th>
<th>10mg</th>
</tr>
</thead>
<tbody>
<tr>
<td>DMSO</td>
<td>1 mM</td>
<td>1.6443 mL</td>
<td>8.2214 mL</td>
<td>16.4428 mL</td>
</tr>
<tr>
<td></td>
<td>5 mM</td>
<td>0.3289 mL</td>
<td>1.6443 mL</td>
<td>3.2886 mL</td>
</tr>
<tr>
<td></td>
<td>10 mM</td>
<td>0.1644 mL</td>
<td>0.8221 mL</td>
<td>1.6443 mL</td>
</tr>
</tbody>
</table>

≥28.7 mg/mL in DMSO; ≥43.6 mg/mL in EtOH; ≥47.5 mg/mL in H2O

Preparing Stock Solutions

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

Biological Activity

Shortsummary
Leukotriene receptor antagonist

IC₅₀ & Target

In Vitro

Cell Viability Assay
Preparation method:

In Vivo
Animal experiment

Applications:

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.