Mitiglinide calcium hydrate

Cat. No.: HY-B0682A
CAS No.: 207844-01-7
Molecular Formula: C₁₉H₂₅NO₃ . ₁/₂ Ca . H₂O
Molecular Weight: 353.46
Target: Potassium Channel
Pathway: Membrane Transporter/Ion Channel
Storage: Please store the product under the recommended conditions in the COA.

Solvent & Solubility

<table>
<thead>
<tr>
<th>Solvent</th>
<th>Mass Concentration</th>
<th>1 mg</th>
<th>5 mg</th>
<th>10 mg</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 mM</td>
<td>2.8292 mL</td>
<td>14.1459 mL</td>
<td>28.2917 mL</td>
<td></td>
</tr>
<tr>
<td>5 mM</td>
<td>0.5658 mL</td>
<td>2.8292 mL</td>
<td>5.6583 mL</td>
<td></td>
</tr>
<tr>
<td>10 mM</td>
<td>0.2829 mL</td>
<td>1.4146 mL</td>
<td>2.8292 mL</td>
<td></td>
</tr>
</tbody>
</table>

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

BIOLOGICAL ACTIVITY

Description: Mitiglinide calcium hydrate is a drug for the treatment of type 2 diabetes; it is a highly selective KATP channel antagonist. IC50 value: Target: KATP channel

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

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