Canagliflozin

Cat. No.: A8333
CAS No.: 842133-18-0
Formula: C24H25FO5S
M.Wt: 444.52
Synonyms: JNJ 24831754ZAE; JNJ 28431754; JNJ 28431754AAA; TA 7284
Target: Metabolism
Pathway: SGLT
Storage: Store at -20°C

Solvent & Solubility

≥22.25 mg/mL in DMSO; insoluble in H2O; ≥49.5 mg/mL in EtOH

<table>
<thead>
<tr>
<th>Preparing</th>
<th>Mass Concentration</th>
<th>1 mg</th>
<th>5 mg</th>
<th>10 mg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stock Solutions</td>
<td>1 mM</td>
<td>2.2496 mL</td>
<td>11.2481 mL</td>
<td>22.4962 mL</td>
</tr>
<tr>
<td></td>
<td>5 mM</td>
<td>0.4499 mL</td>
<td>2.2496 mL</td>
<td>4.4992 mL</td>
</tr>
<tr>
<td></td>
<td>10 mM</td>
<td>0.2250 mL</td>
<td>1.1248 mL</td>
<td>2.2496 mL</td>
</tr>
</tbody>
</table>

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

Biological Activity

Short Summary: SGLT2 inhibitor, potent and selective
IC50 & Target: 4.4 nM (hSGLT2), 3.7 nM (rSGLT2), 2 nM (mSGLT2)

Cell Viability Assay
Preparation method:

Animal experiment
Applications:


**References**

**Caution**

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.

APExBIO Technology
www.apexbt.com
7505 Fannin street, Suite 410, Houston, TX 77054.
Tel: +1-832-696-8203 | Fax: +1-832-641-3177 | Email: info@apexbt.com