Zibotentan (ZD4054)

Cat. No.: A5489
CAS No.: 186497-07-4
Formula: C19H16N6O4S
M.Wt.: 424.43

Target: GPCR/G protein
Pathway: Endothelin Receptor
Storage: Store at -20°C

Solvent & Solubility

insoluble in EtOH; insoluble in H2O; ≥7.2 mg/mL in DMSO

<table>
<thead>
<tr>
<th>Preparing Stock Solutions</th>
<th>Mass 1mg</th>
<th>5mg</th>
<th>10mg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Concentration</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1 mM</td>
<td>2.3561 mL</td>
<td>11.7805 mL</td>
<td>23.5610 mL</td>
</tr>
<tr>
<td>5 mM</td>
<td>0.4712 mL</td>
<td>2.3561 mL</td>
<td>4.7122 mL</td>
</tr>
<tr>
<td>10 mM</td>
<td>0.2356 mL</td>
<td>1.1781 mL</td>
<td>2.3561 mL</td>
</tr>
</tbody>
</table>

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

Biological Activity

Shortsummary: ETA receptor antagonist, potent and specific
IC₅₀ & Target: 21 nM (ETA)

Cell Viability Assay
Preparation method:

In Vivo
Animal experiment
Applications:

Product Citations

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.