NS 398

Cat. No.: B6514
CAS No.: 123653-11-2
Formula: C13H18N2O5S
M.Wt: 314.36

Solvent & Solubility

In Vitro

Preparing Stock Solutions

<table>
<thead>
<tr>
<th>Mass</th>
<th>1mg</th>
<th>5mg</th>
<th>10mg</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 mM</td>
<td>3.1811 mL</td>
<td>15.9053 mL</td>
<td>31.8107 mL</td>
</tr>
<tr>
<td>5 mM</td>
<td>0.6362 mL</td>
<td>3.1811 mL</td>
<td>6.3621 mL</td>
</tr>
<tr>
<td>10 mM</td>
<td>0.3181 mL</td>
<td>1.5905 mL</td>
<td>3.1811 mL</td>
</tr>
</tbody>
</table>

≥31.4 mg/mL in DMSO; insoluble in H2O; insoluble in EtOH

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

Biological Activity

Shortsummary

COX-2 inhibitor and anti-inflammatory agent

IC<sub>50</sub> & Target


Cell Viability Assay

Preparation method:

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. Shortterm 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.