**Iguratimod**

Cat. No.: A3484  
CAS No.: 123663-49-0  
Formula: C17H14N2O6S  
M.Wt.: 374.37  
Synonyms: T 614; T-614; T614  
Target: Neuroscience  
Pathway: COX  
Storage: Store at -20°C  

### Solvent & Solubility

**Soluble in DMSO**

<table>
<thead>
<tr>
<th>Preparing Stock Solutions</th>
<th>Concentration</th>
<th>Mass 1mg</th>
<th>Mass 5mg</th>
<th>Mass 10mg</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1 mM</td>
<td>2.6712 mL</td>
<td>13.3558 mL</td>
<td>26.7115 mL</td>
</tr>
<tr>
<td></td>
<td>5 mM</td>
<td>0.5342 mL</td>
<td>2.6712 mL</td>
<td>5.3423 mL</td>
</tr>
<tr>
<td></td>
<td>10 mM</td>
<td>0.2671 mL</td>
<td>1.3356 mL</td>
<td>2.6712 mL</td>
</tr>
</tbody>
</table>

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

### Biological Activity

**Short summary**  
COX-2 inhibitor, inhibits IL-1, IL-6, IL-8 and tumour necrosis factor.

**IC₅₀ & Target**

**In Vitro**  
**Cell Viability Assay**  
**Preparation method:**

**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.