Terutroban

Cat. No.: HY-16991
CAS No.: 165538-40-9
Molecular Formula: C₂₀H₂₂ClNO₄S
Molecular Weight: 407.91
Target: Prostaglandin Receptor
Pathway: GPCR/G Protein
Storage:
- Powder: -20°C 3 years, 4°C 2 years
- In solvent: -80°C 6 months, -20°C 1 month

SOLVENT & SOLUBILITY

In Vitro
DMSO: ≥ 22 mg/mL (53.93 mM)
* “≥” means soluble, but saturation unknown.

Preparing Stock Solutions

<table>
<thead>
<tr>
<th>Concentration</th>
<th>Mass (1 mg)</th>
<th>Mass (5 mg)</th>
<th>Mass (10 mg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 mM</td>
<td>2.4515 mL</td>
<td>12.2576 mL</td>
<td>24.5152 mL</td>
</tr>
<tr>
<td>5 mM</td>
<td>0.4903 mL</td>
<td>2.4515 mL</td>
<td>4.9030 mL</td>
</tr>
<tr>
<td>10 mM</td>
<td>0.2452 mL</td>
<td>1.2258 mL</td>
<td>2.4515 mL</td>
</tr>
</tbody>
</table>

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

BIOLOGICAL ACTIVITY

Description
Terutroban is a thromboxane-prostaglandin receptor antagonist.

CUSTOMER VALIDATION


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REFERENCES


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