Regorafénib N-oxyde M2

Cat. No.: HY-I0678
CAS No.: 835621-11-9
Molecular Formula: C₂₁H₁₅ClF₄N₄O₄
Molecular Weight: 498.81
Target: Others
Pathway: Others
Storage:
- Powder: -20°C, 3 years
- Powder: 4°C, 2 years
- In solvent: -80°C, 6 months
- In solvent: -20°C, 1 month

Solvent & Solubility

In Vitro
10 mM in DMSO

<table>
<thead>
<tr>
<th>Preparing Stock Solutions</th>
<th>Solvent Concentration</th>
<th>Mass Concentration 1 mg</th>
<th>Mass Concentration 5 mg</th>
<th>Mass Concentration 10 mg</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 mM</td>
<td></td>
<td>2.0048 mL</td>
<td>10.0239 mL</td>
<td>20.0477 mL</td>
</tr>
<tr>
<td>5 mM</td>
<td></td>
<td>0.4010 mL</td>
<td>2.0048 mL</td>
<td>4.0095 mL</td>
</tr>
<tr>
<td>10 mM</td>
<td></td>
<td>0.2005 mL</td>
<td>1.0024 mL</td>
<td>2.0048 mL</td>
</tr>
</tbody>
</table>

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

BIOLICAL ACTIVITY

Description
Regorafénib N-oxyde M2 is an active metabolite of Regorafenib. Regorafenib is a multi-target inhibitor for VEGFR1/2/3, PDGFRβ, Kit, RET and Raf-1 with IC₅₀s of 13/4.2/46, 22, 7, 1.5 and 2.5 nM, respectively.

REFERENCES


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