Regorafénib N-oxyde (M2)

Cat. No.: HY-I0678
CAS No.: 835621-11-9
Molecular Formula: C₂₁H₁₅ClF₄N₄O₄
Molecular Weight: 498.81
Target: Drug Metabolite; PDGFR
Pathway: Metabolic Enzyme/Protease; Protein Tyrosine Kinase/RTK
Storage: Powder -20°C 3 years
        4°C 2 years
        In solvent -80°C 2 years
        -20°C 1 year

SOLVENT & SOLUBILITY

In Vitro
DMSO : 50 mg/mL (100.24 mM; Need ultrasonic)

Preparing Stock Solutions

<table>
<thead>
<tr>
<th>Solvent Concentration</th>
<th>1 mg</th>
<th>5 mg</th>
<th>10 mg</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 mM</td>
<td>2.0048 mL</td>
<td>10.0239 mL</td>
<td>20.0477 mL</td>
</tr>
<tr>
<td>5 mM</td>
<td>0.4010 mL</td>
<td>2.0048 mL</td>
<td>4.0095 mL</td>
</tr>
<tr>
<td>10 mM</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.

BIOLOGICAL 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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