Bafetinib

Cat. No.: HY-50868
CAS No.: 859212-16-1
Molecular Formula: C₃₀H₃₁F₃N₈O
Molecular Weight: 576.62
Target: Bcr-Abl; Autophagy
Pathway: Protein Tyrosine Kinase/RTK; Autophagy
Storage: Powder -20°C 3 years
        4°C 2 years
        In solvent -80°C 6 months
                  -20°C 1 month

SOLVENT & SOLUBILITY

<table>
<thead>
<tr>
<th>Solvent</th>
<th>Concentration</th>
<th>Mass (1 mg)</th>
<th>Mass (5 mg)</th>
<th>Mass (10 mg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DMSO</td>
<td>1 mM</td>
<td>1.7342 mL</td>
<td>8.6712 mL</td>
<td>17.3424 mL</td>
</tr>
<tr>
<td></td>
<td>5 mM</td>
<td>0.3468 mL</td>
<td>1.7342 mL</td>
<td>3.4685 mL</td>
</tr>
<tr>
<td></td>
<td>10 mM</td>
<td>0.1734 mL</td>
<td>0.8671 mL</td>
<td>1.7342 mL</td>
</tr>
</tbody>
</table>

*“≥” means soluble, but saturation unknown.

Preparing Stock Solutions

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

BIOLOGICAL ACTIVITY

Description

Bafetinib is a Lyn and Bcr-Abl tyrosine kinase inhibitor with potential antineoplastic activity.

CUSTOMER VALIDATION

- Technical University of Munich. 24.01.2018.

See more customer validations on www.MedChemExpress.com
REFERENCES


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

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