Flumatinib mesylate

Cat. No.: HY-13905  
CAS No.: 895519-91-2  
Molecular Formula: C₃₀H₃₃F₃N₈O₄S  
Molecular Weight: 658.69  
Target: Bcr-Abl; c-Kit; PDGFR  
Pathway: Protein Tyrosine Kinase/RTK  
Storage: Powder -20°C 3 years  
4°C 2 years  
In solvent -80°C 6 months  
-20°C 1 month

SOLVENT & SOLUBILITY

In Vitro  
H₂O : 50 mg/mL (75.91 mM; Need ultrasonic)  
DMSO : 50 mg/mL (75.91 mM; Need ultrasonic)

<table>
<thead>
<tr>
<th>Preparing Stock Solutions</th>
<th>Concentration</th>
<th>Solvent</th>
<th>Mass 1 mg</th>
<th>Mass 5 mg</th>
<th>Mass 10 mg</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1 mM</td>
<td>H₂O</td>
<td>1.5182 mL</td>
<td>7.5908 mL</td>
<td>15.1816 mL</td>
</tr>
<tr>
<td></td>
<td>5 mM</td>
<td>H₂O</td>
<td>0.3036 mL</td>
<td>1.5182 mL</td>
<td>3.0363 mL</td>
</tr>
<tr>
<td></td>
<td>10 mM</td>
<td>H₂O</td>
<td>0.1518 mL</td>
<td>0.7591 mL</td>
<td>1.5182 mL</td>
</tr>
</tbody>
</table>

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

BIOLOGICAL ACTIVITY

Description  
Flumatinib mesylate (HHGV678 mesylate) is an orally available, selective inhibitor of Bcr-Abl. Flumatinib mesylate inhibits c-Abl, PDGFRβ and c-Kit with IC₅₀s of 1.2 nM, 307.6 nM and 665.5 nM, respectively[1].

REFERENCES


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

Tel: 609-228-6898  Fax: 609-228-5909  E-mail: tech@MedChemExpress.com
Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA