Brivanib alaninate

SYN-1135

(S)-(R)-1-(4-(4-fluoro-2-methyl-1H-indol-5-yloxy)-5-methylpyrrolo[1,2-f][1,2,4]triazin-6-yloxy)propan-2-yl]2-aminopropanoate

CAS Registry No.: 649735-63-7

Smiles String: Cc1cc2c((hH1)ccc(c2F)Oc3c4c(c(cn4ncn3)OC[C@@H](C)OC(=O)[C@H](C)N)C

Molecular Weight: 441.46

Molecular Formula: C22H24FN5O4

Lot Number: Refer to vial

1H-NMR: Available on request

HPLC (Purity): > 95.0% @ 254 nm

ES-MS: Available on request

Description:

Brivanib inhibitors VEGFR-2 with an IC50 of 25 nmol/L and a Ki of 26 nmol/L, VEGFR-1 with an IC50 of 380nmol/L and VEGFR-3 with an IC50 of 10nmol/L. It also shows selectivity for FGFR-1 with an IC50 of 148 nmol/L, FGFR-2 with an IC50 of 25nmol/L and FGFR-3 with an IC50 of 68 nmol/L.

Biological Activity

Melbourne • Shanghai • San Diego • Cambridge
Shipping and Storage Temperature

Shipping:
Ambient

Storage:
2 years -20°C, Powder 1 month, -4°C in DMSO, More than one month -80°C in DMSO

Solubility

DMSO 74mg/mL, Ethanol 3mg/mL

Preparing Stock Solutions

<table>
<thead>
<tr>
<th>Stock Solution (1ml DMSO)</th>
<th>1mM</th>
<th>10mM</th>
<th>20mM</th>
<th>50mM</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mass(mg)</td>
<td>0.4415</td>
<td>4.4150</td>
<td>8.8300</td>
<td>22.0750</td>
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</tbody>
</table>
References


Ordering Information

To order more of this or any other SYNkinase compound, go to synkinase.com, Call us Toll Free (US Only) at 1-877-854-6273 or email orders@synkinase.com.