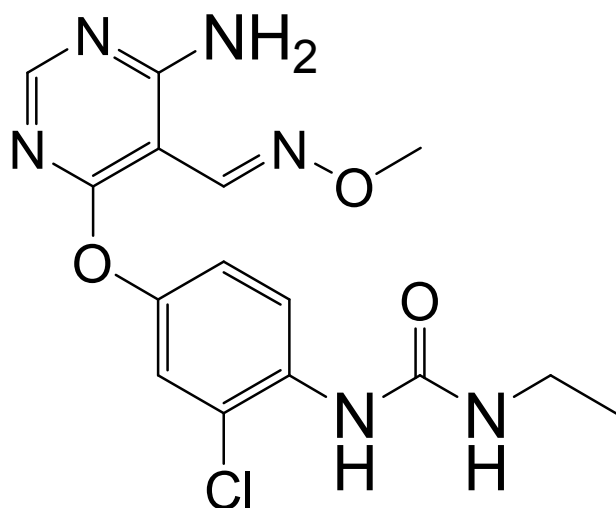


JNJ-38158471

SYN-1133



(E)-1-(4-(6-amino-5-((methoxyimino)methyl)pyrimidin-4-yloxy)-2-chlorophenyl)-3-ethylurea

CAS Registry No.: 951151-97-6

Smiles String:

CCNC(=O)Nc1ccc(cc1Cl)Oc2c(c(ncn2)N)/C=N/OC

Molecular Weight: 364.79

Molecular Formula: C₁₅H₁₇ClN₆O₃

Lot Number: Refer to vial

¹H-NMR: Available on request

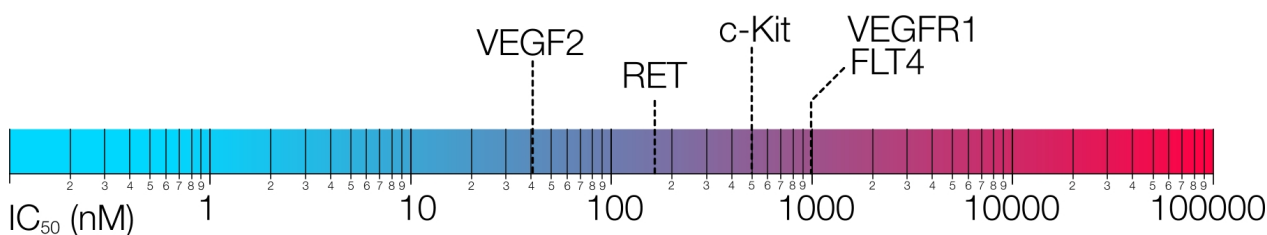
HPLC (Purity): > 95.0% @ 254 nm

ES-MS: Available on request

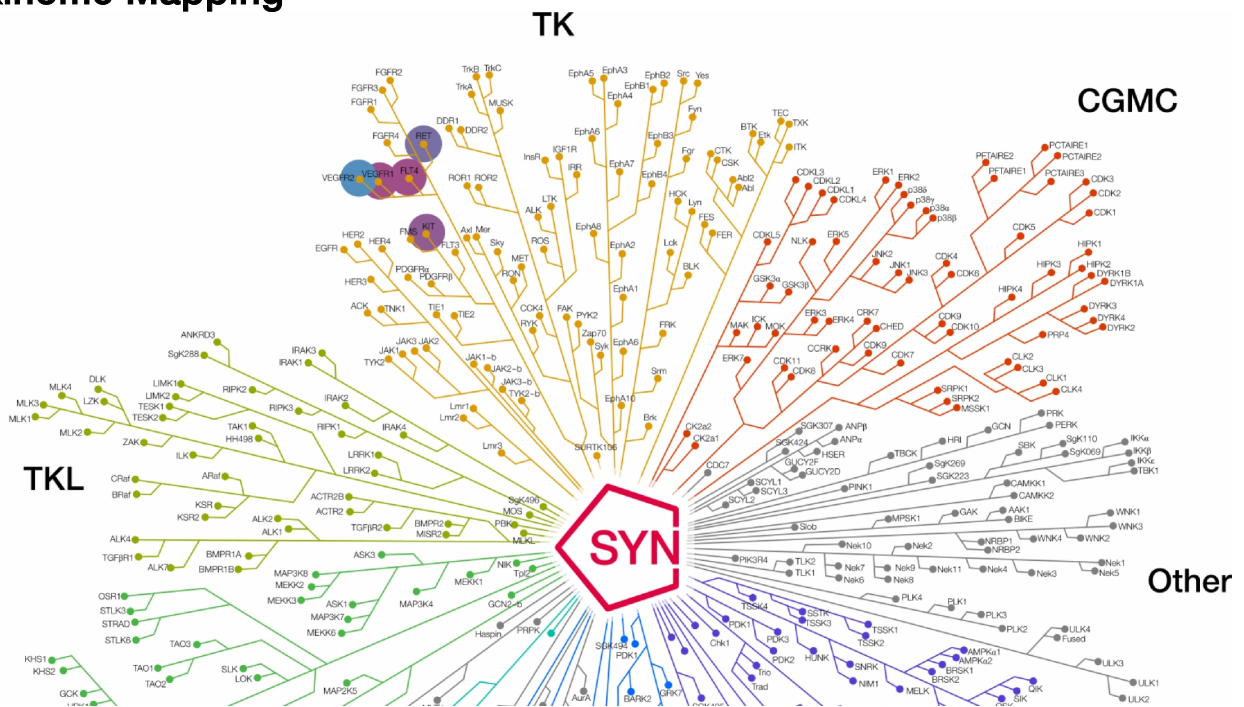
Description:

JNJ-38158471 is a well-tolerated, orally available, highly selective VEGFR-2 inhibitor with an IC₅₀ of 40 nM. It also inhibits closely related tyrosine kinases such as Ret (IC₅₀ of 180 nM) and Kit (C₅₀ of 500 nM). It has no significant activity (>1 μM) against VEGFR-1 and VEGFR-3.

Biological Activity



Kinome Mapping



Shipping and Storage Temperature

Shipping:
Ambient

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

Solubility

15 mM in DMSO

Preparing Stock Solutions

Stock Solution (1ml DMSO)	1mM	10mM	20mM	50mM
Mass(mg)	0.3648	3.6480	7.2960	18.2400

References

1. LaMontagne KR, Butler J, Borowski VB, Fuentes-Pesquera AR, Blevitt JM, Huang S, Li R, Connolly PJ, Greenberger LM. A highly selective, orally bioavailable, vascular endothelial growth factor receptor-2 tyrosine kinase inhibitor has potent activity in vitro and in vivo. *Angiogenesis*. 2009;12(3):287-96. doi: 10.1007/s10456-009-9151-7. Epub 2009 Jun 21.

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.

Product Datasheet (Rev. 1.1)