

JNJ-38877605

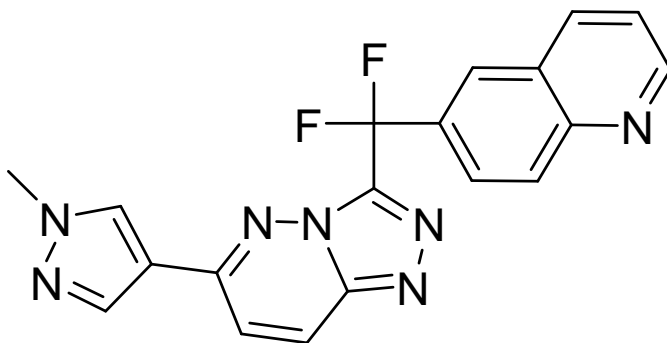
SYN-1047

6-[difluoro[6-(1-methyl-1H-pyrazol-4-yl)-1,2,4-triazolo[4,3-b]pyridazin-3-yl]methyl]-Quinoline

CAS Registry No.: 943540-75-8

Smiles String:

CN1C=C(C=N1)C2=NN3C(=NN=C3C(C4=CC5=C(C=C4)N=CC=C5)(F)F)C=C2



Molecular Weight: 377.35

Molecular Formula: C₁₉H₁₃F₂N₇

Lot Number: Refer to vial

¹H-NMR: Available on request

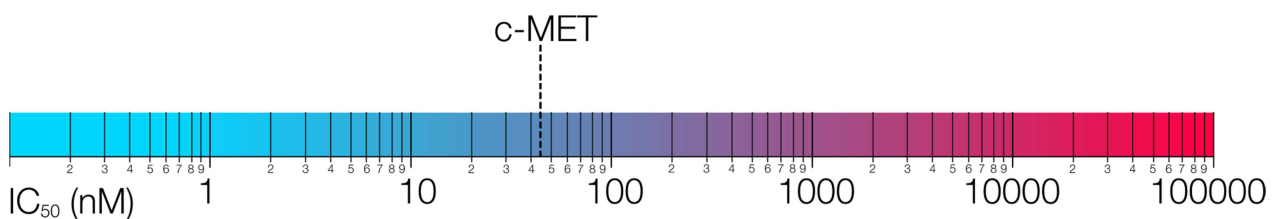
HPLC (Purity): > 95.0% @ 254 nm

ES-MS: Available on request

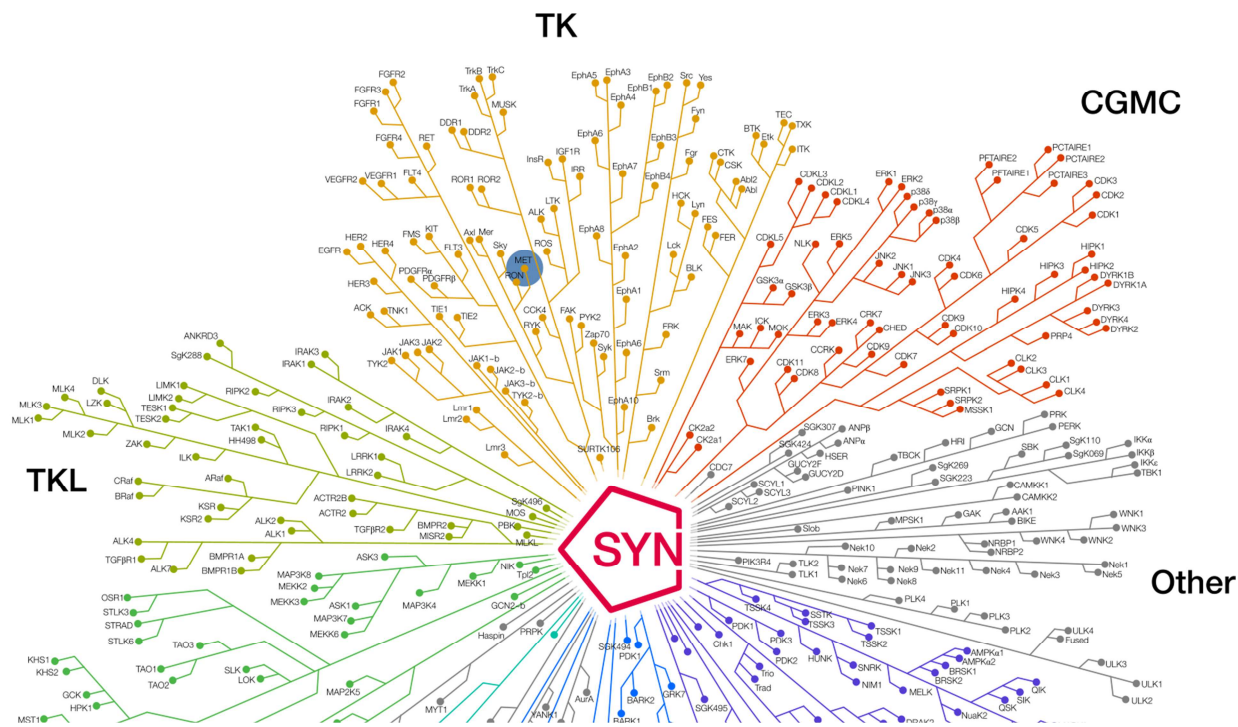
Description:

JNJ-38877605 is an orally bio-available, small-molecule, c-MET tyrosine kinase inhibitor with potential anti-neoplastic activity. It is potent (c-MET enzyme and Phospho-MET IC₅₀ values of 4 nM and 50 nM, respectively) and highly specific (selective over 229 other kinases tested).

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

DMSO 37mg/mL, Ethanol <1mg/mL

Preparing Stock Solutions

Stock Solution (1ml DMSO)	1mM	10mM	20mM	50mM
Mass(mg)	0.3774	3.7740	7.5480	18.8700

References

1. Cepero V, Sierra JR, Corso S, Ghiso E, Casorzo L, Perera T, Comoglio PM, Giordano S. MET and KRAS gene amplification mediates acquired resistance to MET tyrosine kinase inhibitors. *Cancer Res.* 2010 Oct 1;70(19):7580-90. doi: 10.1158/0008-5472.CAN-10-0436. Epub 2010 Sep 14. PubMed PMID: 20841479.

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)