

LY2801653

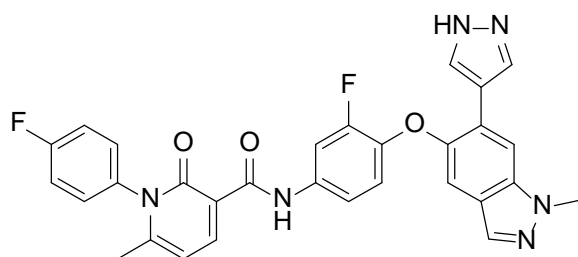
SYN-1222

N-(3-fluoro-4-((1-methyl-6-(1H-pyrazol-4-yl)-1H-indazol-5-yl)oxy)phenyl)-1-(4-fluorophenyl)-6-methyl-2-oxo-1,2-dihydropyridine-3-carboxamide

CAS Registry No.: 1206799-15-6

Smiles String:

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O=C(C1=CC=C(C)N(C2=CC=C(F)C=C2)C1=O)NC3=CC=C(OC4=CC5=C(N(C)N=C5)C=C4C6=CN=C6)C(F)=C3
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Molecular Weight: 552.54

Molecular Formula: C₃₀H₂₂F₂N₆O₃

Lot Number: Refer to vial

¹H-NMR: Available on request

HPLC (Purity): > 95.0% @ 254 nm

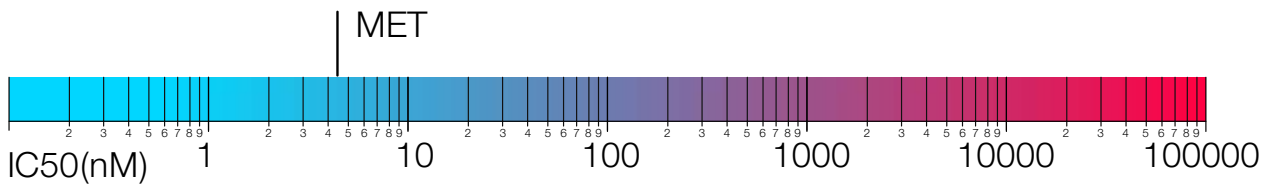
ES-MS: Available on request

Description:

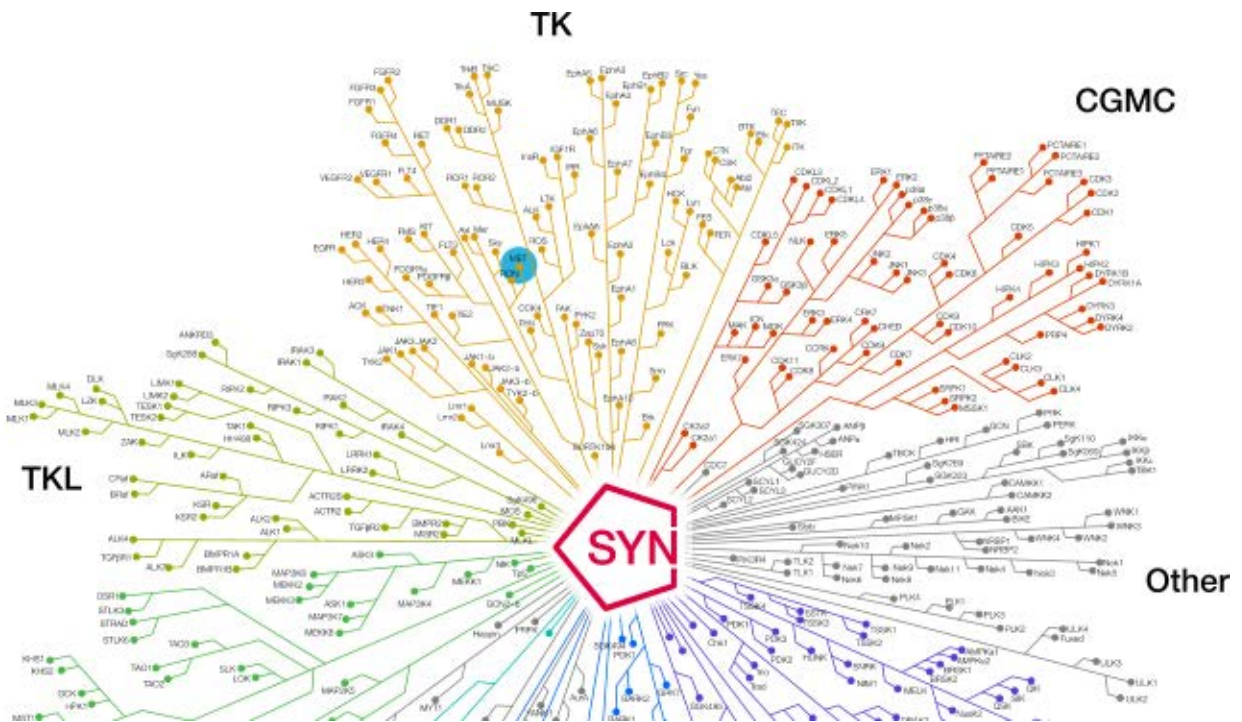
LY2801653 is an orally bioavailable multi-kinase inhibitor with potent activity against MET, MST1R, and other oncoproteins, and displays anti-tumour activities in mouse xenograft models. In vitro, LY2801653 has an IC₅₀ for inhibition of MET phosphorylation between 35.2–59.2 nM.

LY2801653 was found, in nonclinical models, to also have potent activity against several other receptor tyrosine oncokinasases including FLT3, AXL, MERTK, TEK, ROS1, DDR1/2 and against the serine/threonine kinases MKNK1/2.

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

Soluble in DMSO

Preparing Stock Solutions

Stock Solution (1ml DMSO)	1mM	10mM	20mM	50mM
Mass(mg)	0.5525	5.5254	11.0508	27.627

References

1. Yan SB, Peek VL, Ajamie R, Buchanan SG, Graff JR, Heidler SA, Hui YH, Huss KL, Konicek BW, Manro JR, Shih C, Stewart JA, Stewart TR, Stout SL, Uhlik MT, Um SL, Wang Y, Wu W, Yan L, Yang WJ, Zhong B, Walgren RA. LY2801653 is an orally bioavailable multi-kinase inhibitor with potent activity against MET, MST1R, and other oncoproteins, and displays anti-tumor activities in mouse xenograft models. Invest New Drugs. 2013 Aug;31(4):833-44. doi: 10.1007/s10637-012-9912-9. Epub 2012 Dec 29. PubMed PMID: 23275061; PubMed Central PMCID: PMC3717159.

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)