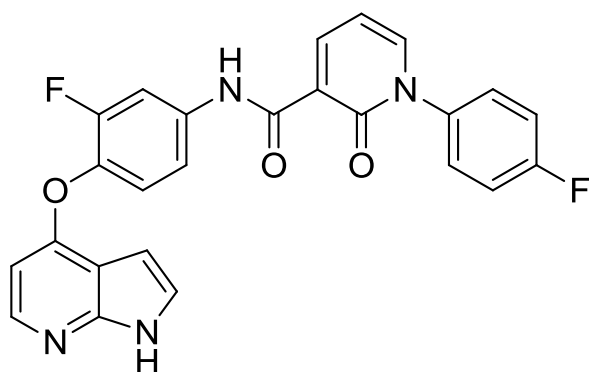


N-(4-(1H-pyrrolo[2,3-b]pyridin-4-yloxy)-3-fluorophenyl)-1-(4-fluorophenyl)-2-oxo-1,2-dihydropyridine-3-carboxamide

CAS Registry No.: 888719-03-7

Smiles String:

c1cc(c(=O)n(c1)c2ccc(cc2)F)C(=O)Nc3ccc(c(c3)F)Oc4ccnc5c4cc[nH]5



Molecular Weight: 458.42

Molecular Formula: C₂₅H₁₆F₂N₄O₃

Lot Number: Refer to vial

¹H-NMR: Available on request

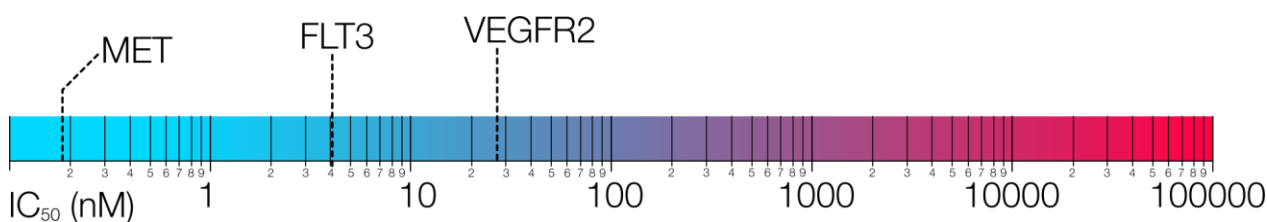
HPLC (Purity): > 95.0% @ 254 nm

ES-MS: Available on request

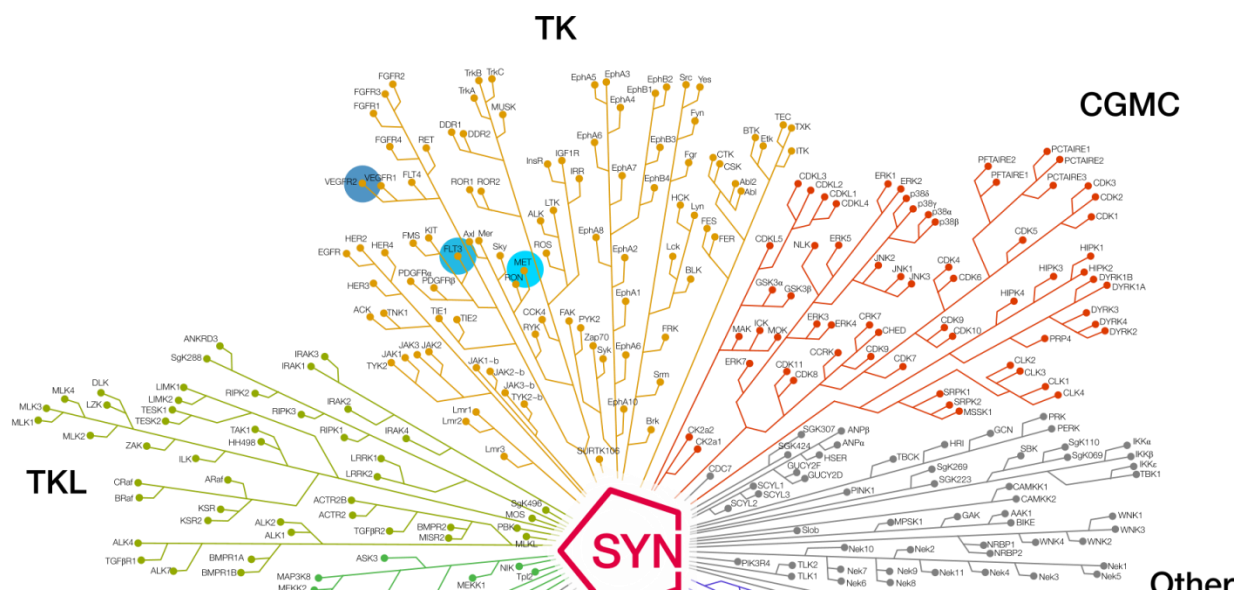
Description:

BMS-2 is a potent MET kinase inhibitor with an IC₅₀ value of 1.8nM. It also possesses potent inhibitory activity against Flt-3 and VEGFR-2 kinases, IC₅₀ values of 4nM and 27nM respectively.

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 112mg/mL, Water 1mg/mL, Ethanol 4mg/mL

Preparing Stock Solutions

Stock Solution (1ml DMSO)	1mM	10mM	20mM	50mM
Mass(mg)	0.4584	4.5842	9.1684	22.9210

References

1. K.S. Kim, Liping Zhang, R. Schmidt, Z.W. Cai, D. Wei, D. K. Williams, L. J. Lombardo, G. L. Trainor, D.L. Xie, Y.Q. Zhang, Y.M. An, J. S. Sack, J. S. Tokarski, C. Darienzo, A. Kamath, P. Marathe, Y.P. Zhang, J. Lippy, R. Jeyaseelan, B. Wautlet, B. Henley, J. G. Brown, V. Manne, J. T. Hunt, J. Fagnoli and R. M. Borzilleri. Discovery of Pyrrolopyridine-Pyridone Based Inhibitors of Met Kinase: Synthesis, X-ray Crystallographic Analysis, and Biological Activities. *J. Med. Chem.*, 51 (17), 5330–5341(2008).

Ordering Information

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Product Datasheet (Rev. 1.1)