

Foretinib

SYN-1129

N-(3-fluoro-4-(6-methoxy-7-(3-morpholinopropoxy)quinolin-4-yloxy)phenyl)-N-(4-fluorophenyl)cyclopropane-1,1-dicarb oxamide

CAS Registry No.: 849217-64-7

Smiles String:

COC1cc2c(ccnc2cc1OCCCN3CCOCC3)Oc4ccc(cc4F)NC(=O)C5(CC5)C(=O)Nc6ccc(c6)F

Molecular Weight: 632.65

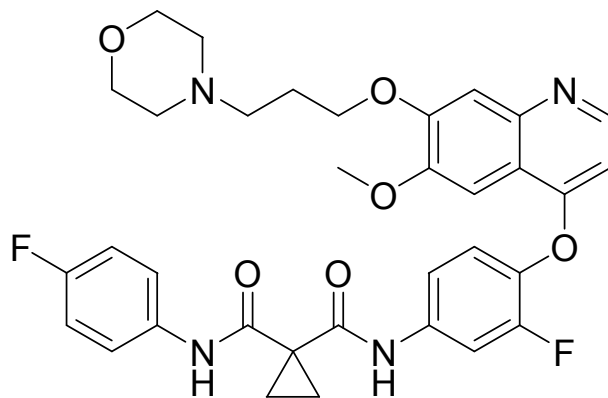
Molecular Formula: C₃₄H₃₄F₂N₄O₆

Lot Number: Refer to vial

¹H-NMR: Available on request

HPLC (Purity): > 95.0% @ 254 nm

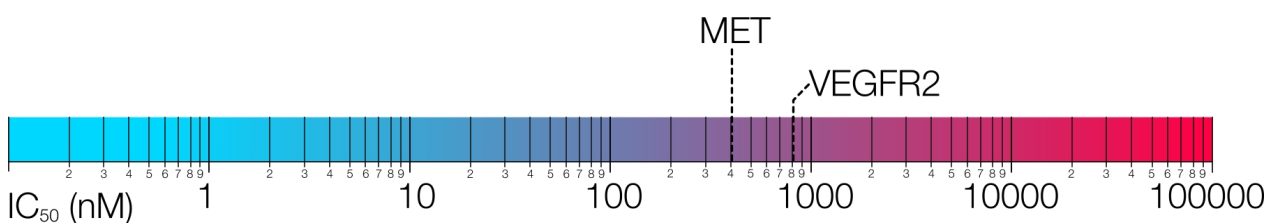
ES-MS: Available on request



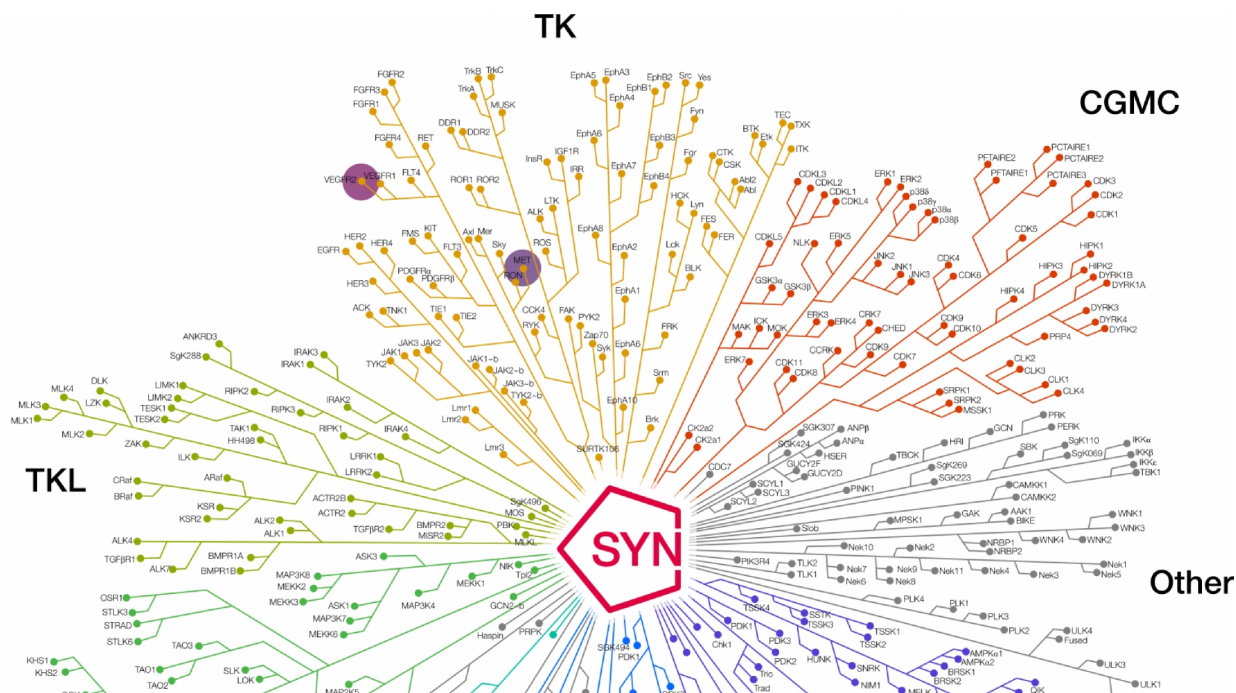
Description:

Foretinib is a novel MET and VEGFR2 kinase inhibitor with IC₅₀ values of 0.4 and 0.8 nM for MET and VEGFR2 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

15 mM in DMSO

Preparing Stock Solutions

| Stock Solution (1ml DMSO) | 1mM | 10mM | 20mM | 50mM |
|---------------------------|--------|--------|---------|---------|
| Mass(mg) | 0.6326 | 6.3265 | 12.6530 | 31.6325 |

References

1. [No authors listed] Mechanisms of antibiotic resistance and implications for therapy. Proceedings of an international symposium. Rio de Janeiro, 19 April 1988. J Int Med Res. 1990;18 Suppl 4:1D-89D.

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)