

N-(3-fluoro-4-(7-methoxyquinolin-4-yloxy)phenyl)-1-(2-hydroxy-2-methylpropyl)-5-methyl-3-oxo-2-phenyl-2,3-dihydro-1H-pyrazole-4-carboxamide

CAS Registry No.: 913376-84-8

Smiles String:

Cc1c(c(=O)n1CC(C)(C)O)c2ccccc2C(=O)Nc3ccc(c(c3)F)Oc4ccnc5c4ccc(c5)OC

Molecular Weight: 556.58

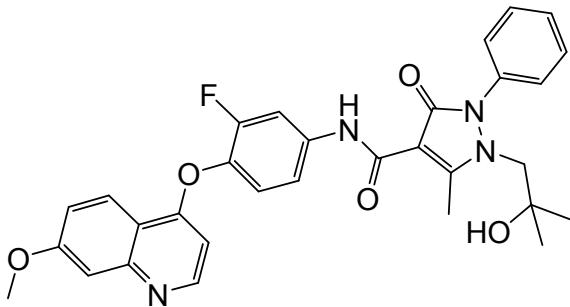
Molecular Formula: C₃₁H₂₉FN₄O₅

Lot Number: Refer to vial

¹H-NMR: Available on request

HPLC (Purity): > 95.0% @ 254 nm

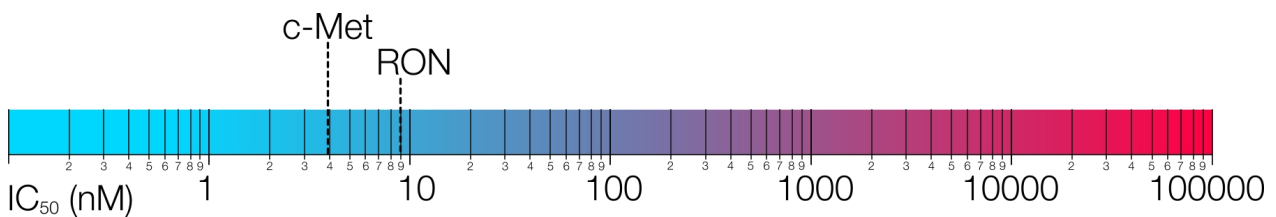
ES-MS: Available on request



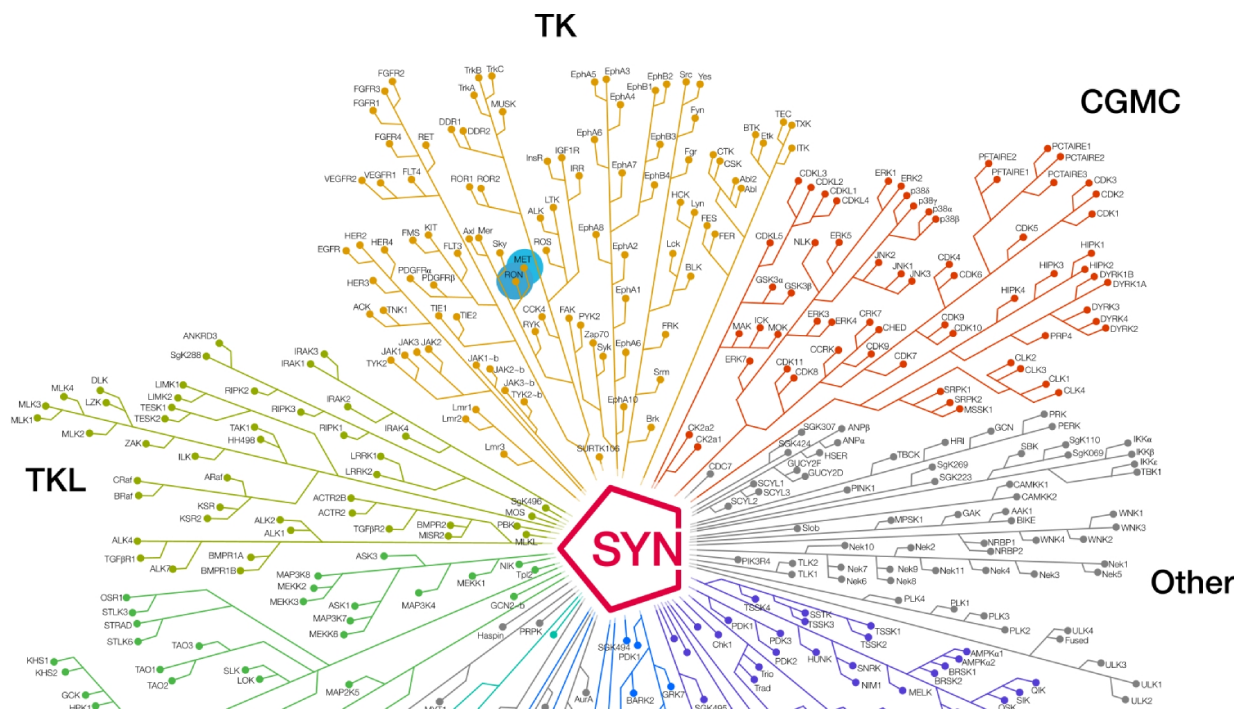
Description:

AMG-1 is a potent inhibitor of human c-Met and RON with IC₅₀ values of 4 and 9 nmol/L 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

Soluble in DMSO

Preparing Stock Solutions

Stock Solution (1ml DMSO)	1mM	10mM	20mM	50mM
Mass(mg)	0.5566	5.5660	11.1320	27.8300

References

1. Araki H, Karasawa Y, Kawashima K, Hayashi M, Aihara H, Huang JH. The adenosine analogue and cerebral protecting agent, AMG-1, has no effect on delayed neuronal death following ischemia. *Methods Find Exp Clin Pharmacol*. 1989 Dec;11(12):731-6.

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)