

AMG-Tie2-1

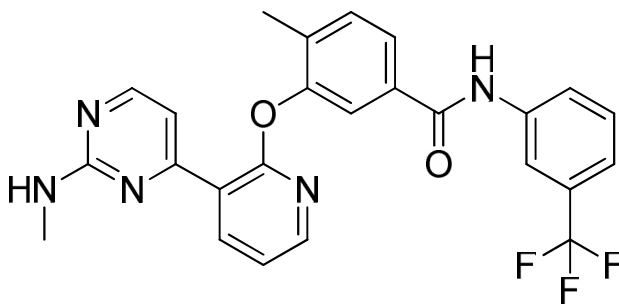
SYN-1008

3-(3-(2-(methylamino)pyrimidin-4-yl)pyridin-2-yloxy)-N-(3-(trifluoromethyl)phenyl)-4-methylbenzamide

CAS Registry No.: 870223-96-4

Smiles String:

Cc1ccc(cc1Oc2c(ccn2)c3ccnc(n3)NC)C(=O)Nc4cccc(c4)C(F)(F)F



Molecular Weight: 479.45

Molecular Formula: C₂₅H₂₀F₃N₅O₂

Lot Number: Refer to vial

¹H-NMR: Available on request

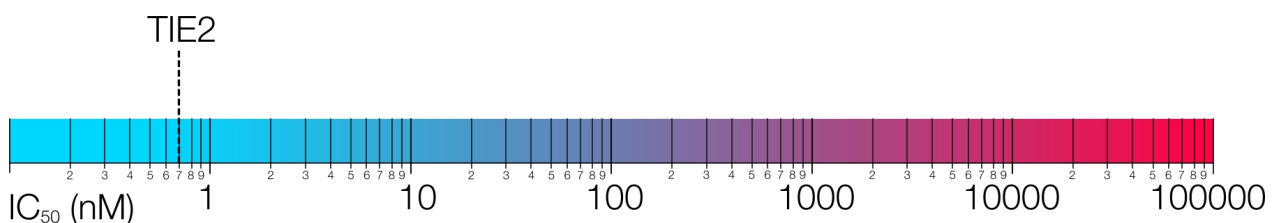
HPLC (Purity): > 95.0% @ 254 nm

ES-MS: Available on request

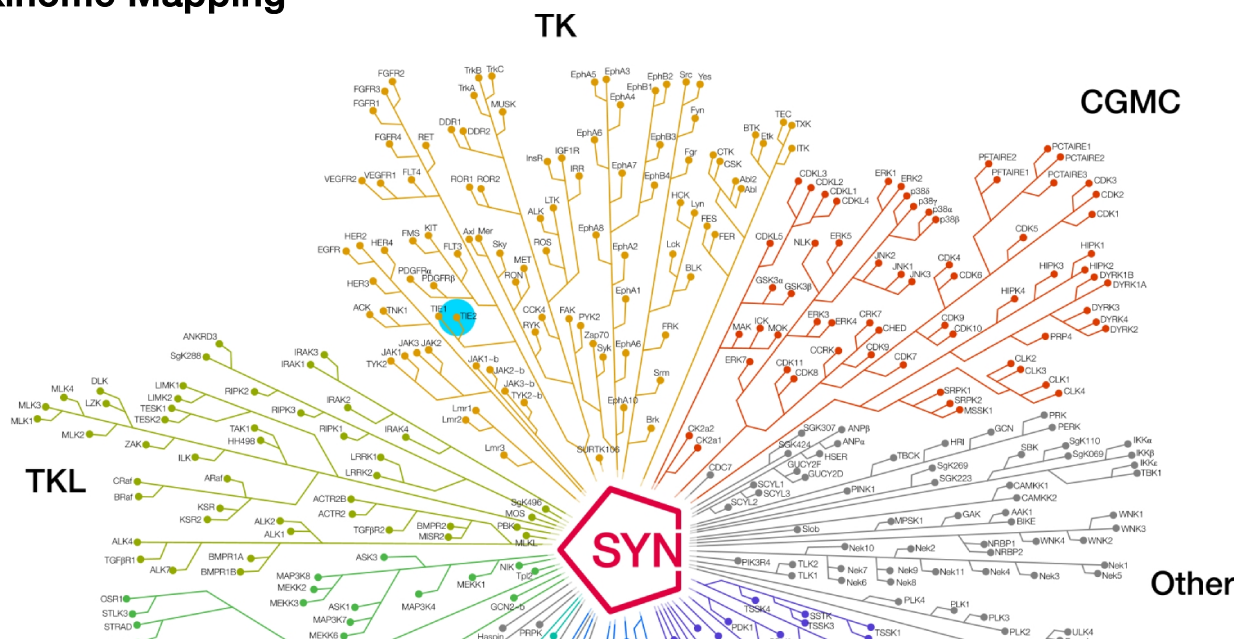
Description:

AMG-Tie2-1 is a highly potent, non-selective inhibitor of Tie-2 (IC₅₀ <1 nM).

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)	0.4795	4.7950	9.5900	23.9750

References

1. Hodous BL, Geuns-Meyer SD, Hughes PE, Albrecht BK, Bellon S, Bready J, Caenepeel S, Cee VJ, Chaffee SC, Coxon A, Emery M, Fretland J, Gallant P, Gu Y, Hoffman D, Johnson RE, Kendall R, Kim JL, Long AM, Morrison M, Olivieri PR, Patel VF, Polverino A, Rose P, Tempest P, Wang L, Whittington DA, Zhao H . Evolution of a highly selective and potent 2-(pyridin-2-yl)-1,3,5-triazine Tie-2 kinase inhibitor. J Med Chem. 2007 Feb 22;50(4):611-26. Epub 2007 Jan 25.

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)