

PD173955-Analog1

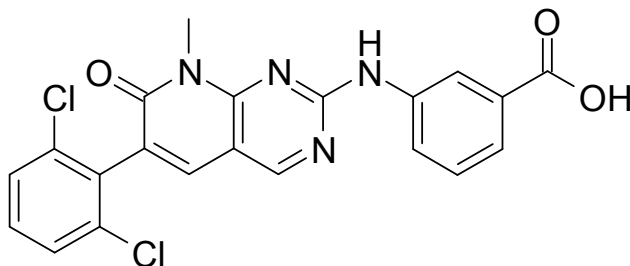
SYN-1062

3-[[6-(2,6-dichlorophenyl)-7,8-dihydro-8-methyl-7-oxopyrido[2,3-d]pyrimidin-2-yl]amino]-Benzoic acid

CAS Registry No.: 185039-99-0

Smiles String:

Cn1c2c(cc(c1=O)c3c(cccc3Cl)Cl)cnc(n2)Nc4cccc(c4)C(=O)O



Molecular Weight: 441.3

Molecular Formula: C₂₁H₁₄Cl₂N₄O₃

Lot Number: Refer to vial

¹H-NMR: Available on request

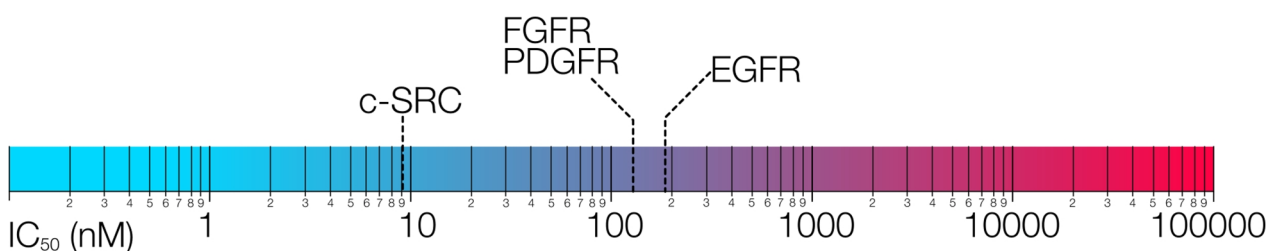
HPLC (Purity): > 95.0% @ 254 nm

ES-MS: Available on request

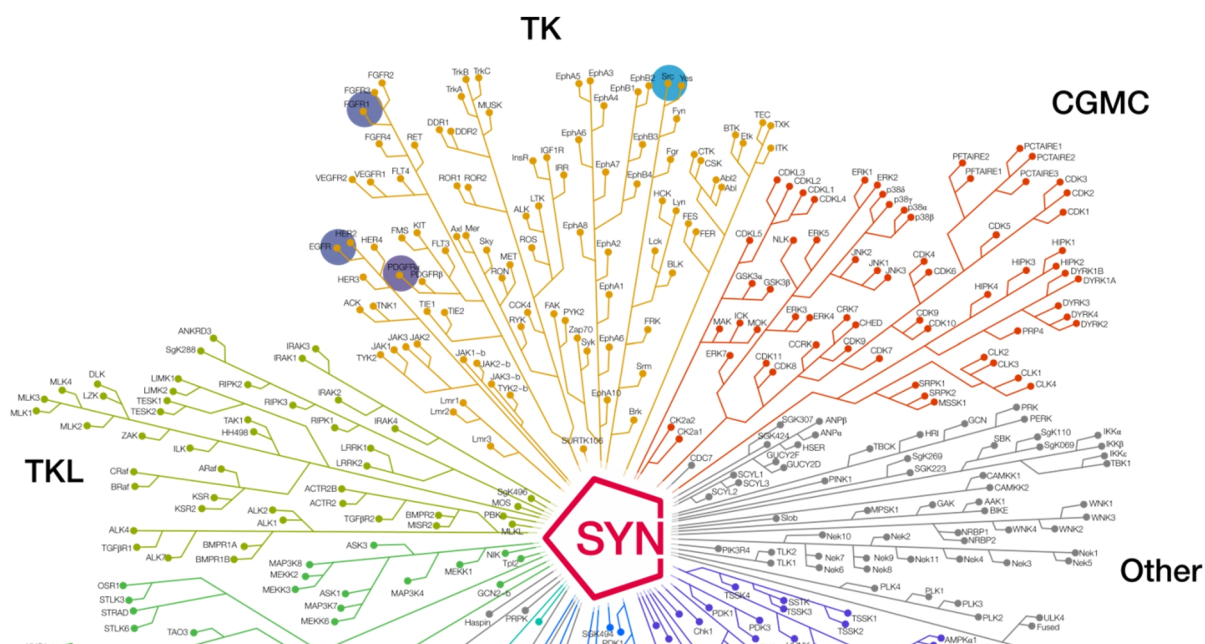
Description:

PD173955-Analog1 is a potent c-Src inhibitor with an IC₅₀ value of 9nM. It is also a weaker inhibitor of PDGFR, FGFR and EGFR with IC₅₀ values of 130nM, 110nM and 190nM 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)	0.4412	4.4127	8.8254	22.0635

References

1. Windham TC, Parikh NU, Siwak DR, Summy JM, McConkey DJ, Kraker AJ, Gallick GE. Src activation regulates anoikis in human colon tumor cell lines. *Oncogene*. 2002 Nov 7;21(51):7797-807. PubMed PMID: 12420216.

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)