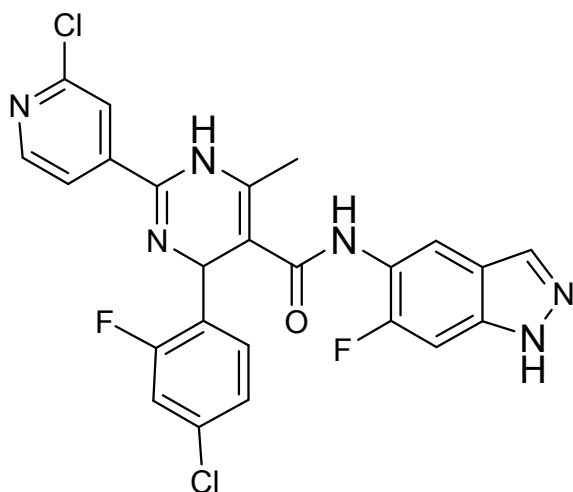


GSK-25

SYN-1124



4-(4-chloro-2-fluorophenyl)-2-(2-chloropyridin-4-yl)-N-(6-fluoro-1H-indazol-5-yl)-6-methyl-1,4-dihydropyrimidine-5-carboxamide

CAS Registry No.: 874119-56-9

Smiles String:

CC1=C(C(N=C(N1)c2ccnc(c2)Cl)c3ccc(cc3F)Cl)C(=O)Nc4cc5cn[nH]c5cc4F

Molecular Weight: 513.33

Molecular Formula: C₂₄H₁₆Cl₂F₂N₆O

Lot Number: Refer to vial

¹H-NMR: Available on request

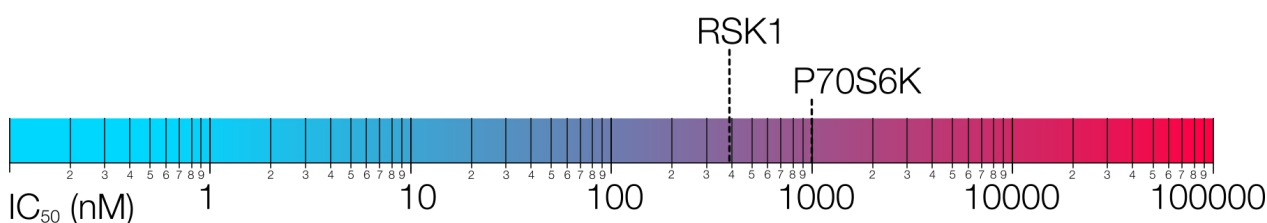
HPLC (Purity): > 95.0% @ 254 nm

ES-MS: Available on request

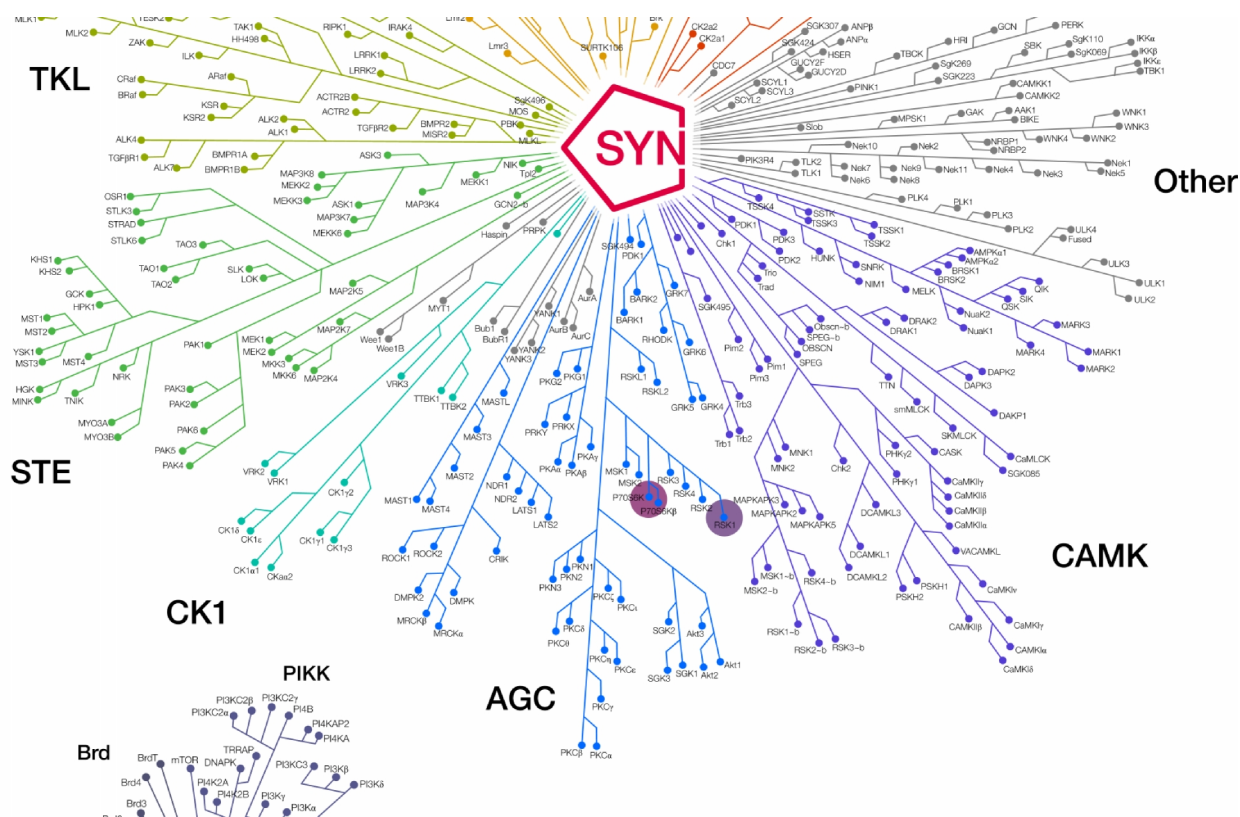
Description:

GSK-25 maintains good selectivity against a panel of 31 kinases, as well as RSK1 and p70S6K (RSK1 IC₅₀ of 398 nM, p70S6K IC₅₀ of 1000nM), and a dramatically improved P450 profile (>2.2 μM at all isozymes tested).

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)	0.5134	5.1340	10.2680	25.6700

References

1. Sehon CA, Wang GZ, Viet AQ, Goodman KB, Dowdell SE, Elkins PA, Semus SF, Evans C, Jolivette LJ, Kirkpatrick RB, Dul E, Khandekar SS, Yi T, Wright LL, Smith GK, Behm DJ, Bentley R, Doe CP, Hu E, Lee D. Potent, selective and orally bioavailable dihydropyrimidine inhibitors of Rho kinase (ROCK1) as potential therapeutic agents for cardiovascular diseases. *J Med Chem.* 2008 Nov 13;51(21):6631-4. doi: 10.1021/jm8005096. Epub 2008 Oct 9.

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)