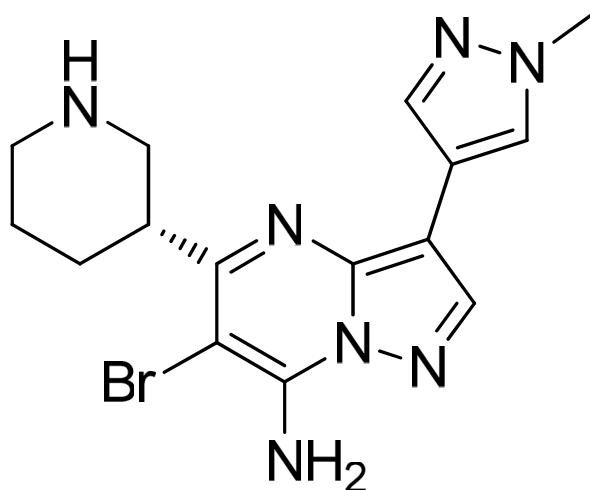


SCH 900776

SYN-1173



(R)-6-bromo-3-(1-methyl-1H-pyrazol-4-yl)-5-(piperidin-3-yl)pyrazolo[1,5-a]pyrimidin-7-amine

CAS Registry No.: 891494-63-6

Smiles String:

NC1=C(Br)C([C@H]2CNCCC2)=NC3=C(C4=CN(C)N=C4)C=NN31

Molecular Weight: 376.25

Molecular Formula: C₁₅H₁₈BrN₇

Lot Number: Refer to vial

¹H-NMR: Available on request

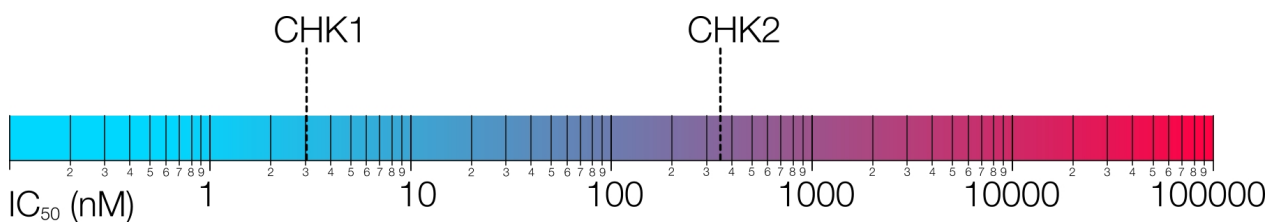
HPLC (Purity): > 95.0% @ 254 nm

ES-MS: Available on request

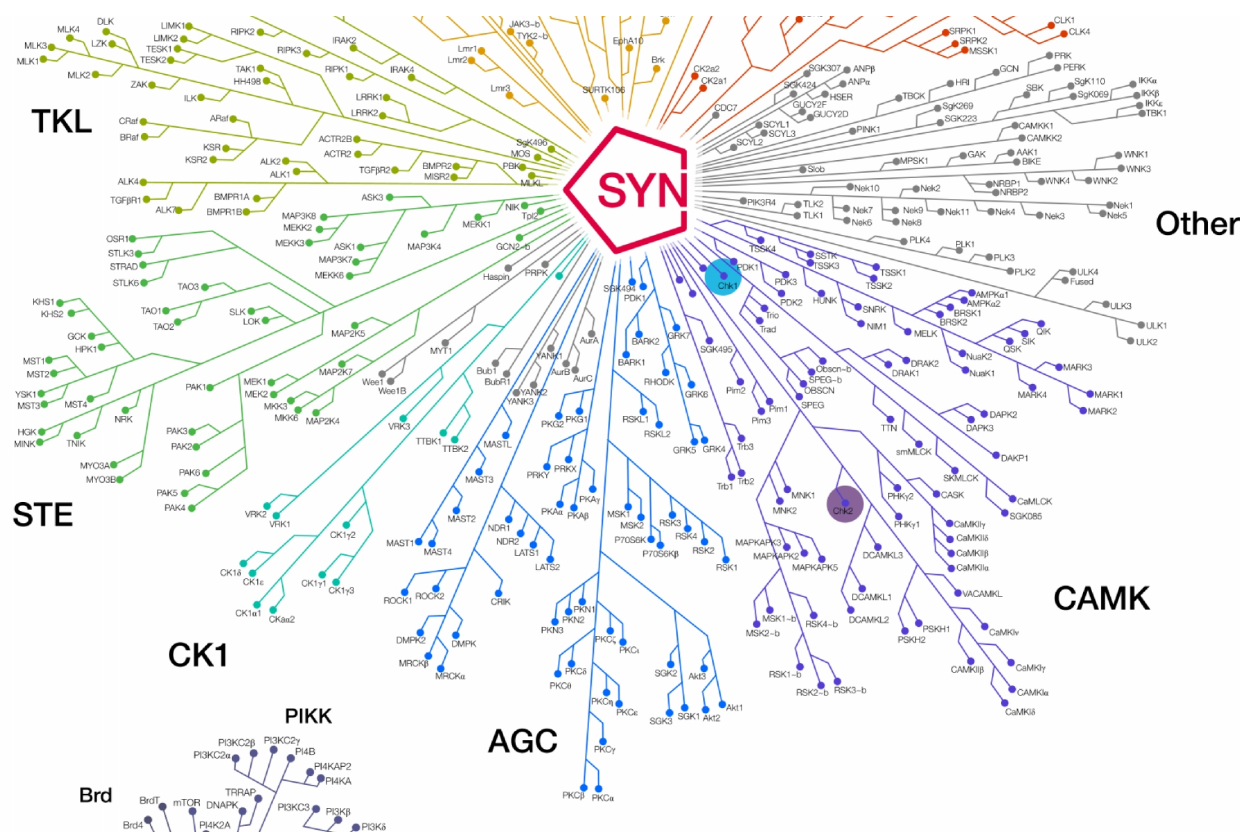
Description:

SCH900776 is a selective Chk1 inhibitor with an IC₅₀ of 3 nM. It shows 50-fold selectivity for Chk1 versus Chk2.

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 60mg/mL, Ethanol 3mg/mL

Preparing Stock Solutions

Stock Solution (1ml DMSO)	1mM	10mM	20mM	50mM
Mass(mg)	0.3762	3.7625	7.5250	18.8125

References

1. Montano R, Chung I, Garner KM, Parry D, Eastman A. Preclinical development of the novel Chk1 inhibitor SCH900776 in combination with DNA-damaging agents and antimetabolites. Mol Cancer Ther. 2012 Feb;11(2):427-38. doi: 10.1158/1535-7163.MCT-11-0406. Epub 2011 Dec 27.

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)