

VX745

SYN-1123

5-(2,6-dichlorophenyl)-2-(2,4-difluorophenylthio)-6H-pyrimido[1,6-b]pyridazin-6-one

CAS Registry No.: 209410-46-8

Smiles String:

c1cc(c(c(c1)Cl)c2c3ccc(nn3cnc2=O)Sc4cc(c(cc4F)F)Cl

Molecular Weight: 436.26

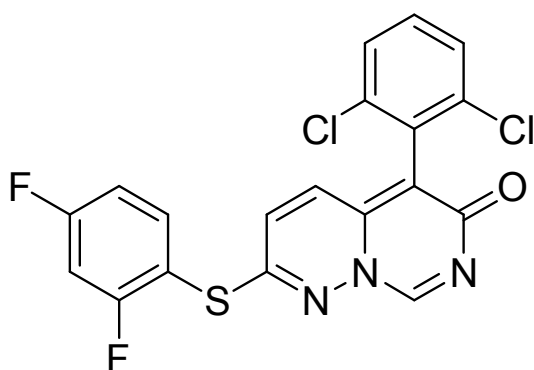
Molecular Formula: C₁₉H₉Cl₂F₂N₃O₃

Lot Number: Refer to vial

¹H-NMR: Available on request

HPLC (Purity): > 95.0% @ 254 nm

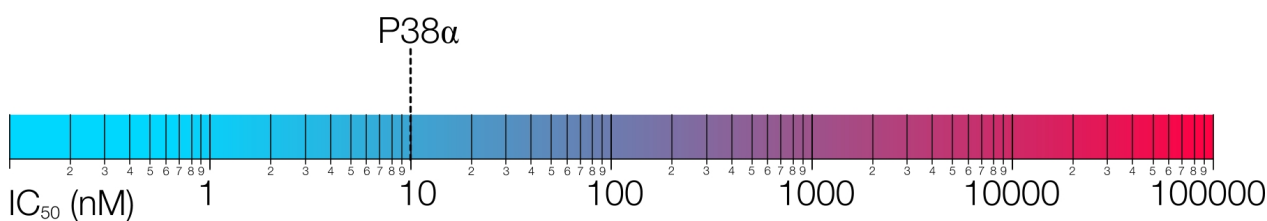
ES-MS: Available on request



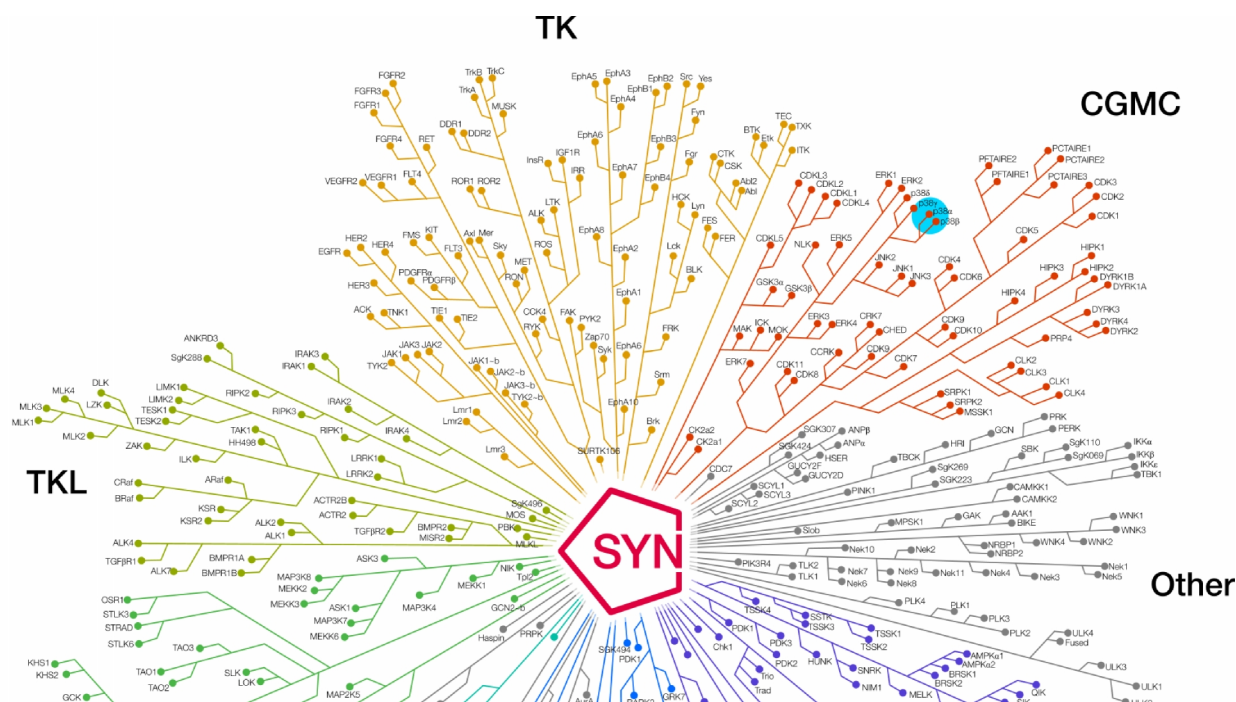
Description:

VX745 is a selective inhibitor of p38alpha with an IC₅₀ of 10 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

DMSO 15mg/mL, Ethanol <1mg/mL

Preparing Stock Solutions

Stock Solution (1ml DMSO)	1mM	10mM	20mM	50mM
Mass(mg)	0.4362	4.3626	8.7252	21.8130

References

1. Targeting p38 MAPK inhibits multiple myeloma cell growth in the bone marrow milieu. T. Hideshima, M. Akiyama, T. Hayashi, P. Richardson, R. Schlossman, D. Chauhan, K.C. Anderson. Blood. 101(2), 703-705 (2003).

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)