

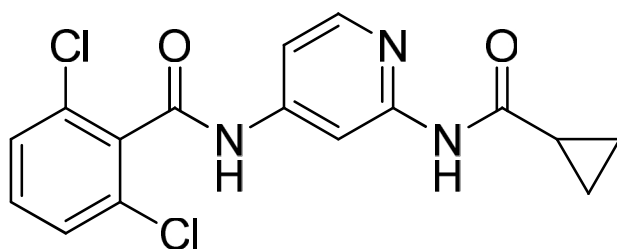
GDC-046**SYN-1198**

2,6-dichloro-N-(2-(cyclopropanecarboxamido)pyridin-4-yl)benzamide

CAS Registry No.: 1258292-64-6

Smiles String:

O=C(NC1=CC(NC(C2CC2)=O)=NC=C1)C3=C(Cl)C=CC=C3Cl



Molecular Weight: 350.2

Molecular Formula: C₁₆H₁₃Cl₂N₃O₂

Lot Number: Refer to vial

¹H-NMR: Available on request

HPLC (Purity): > 95.0% @ 254 nm

ES-MS: Available on request

Description:

GDC046 is a potent lead analog with good kinase selectivity, physicochemical properties, and pharmacokinetic profile.

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

20 mM in DMSO

Preparing Stock Solutions

Stock Solution (1ml DMSO)	1mM	10mM	20mM	50mM
Mass(mg)	0.3502	3.5020	7.0040	17.5100

References

1. Liang J, Tsui V, Van Abbema A, Bao L, Barrett K, Beresini M, Berezhkovskiy L, Blair WS, Chang C, Driscoll J, Eigenbrot C, Ghilardi N, Gibbons P, Halladay J, Johnson A, Kohli PB, Lai Y, Liimatta M, Mantik P, Menghrajani K, Murray J, Sambrone A, Xiao Y, Shia S, Shin Y, Smith J, Sohn S, Stanley M, Ultsch M, Zhang B, Wu LC, Magnuson S. Lead identification of novel and selective TYK2 inhibitors. *Eur J Med Chem.* 2013 Sep;67:175-87. doi: 10.1016/j.ejmech.2013.03.070. Epub 2013 May 14. PubMed PMID: 23867602.

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)