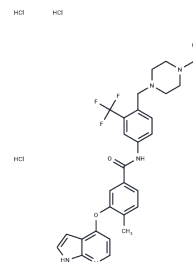


NG25 trihydrochloride

Chemical Properties

CAS No. :	2108554-00-1
Formula:	C ₂₉ H ₃₃ Cl ₃ F ₃ N ₅ O ₂
Molecular Weight:	646.96
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	NG25 trihydrochloride is a type II kinase inhibitor that inhibits MAP4K2 and TAK1. It also inhibits the Src family kinases Src and LYN and Abl family kinases as well as CSK, FER, and p38 α . NG 25 prevents TNF- α -induced IKK α / β phosphorylation and I κ B- α degradation in L929 cells. It inhibits secretion of IFN- α and IFN- β induced by CpG type B and CL097, respectively. NG 25 decreases cell viability of HCT116KRASWT, and to a greater degree of HCT116KRASG13D, colorectal cancer cells in a concentration-dependent manner. It also reduces tumor growth and increases the number of TUNEL-positive tumor cells in a CT26KRASG12D mouse orthotopic model of colorectal cancer.
Targets(IC50)	Others,MAPK,Ras,Kras

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5457 mL	7.7285 mL	15.4569 mL
5 mM	0.3091 mL	1.5457 mL	3.0914 mL
10 mM	0.1546 mL	0.7728 mL	1.5457 mL
50 mM	0.0309 mL	0.1546 mL	0.3091 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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