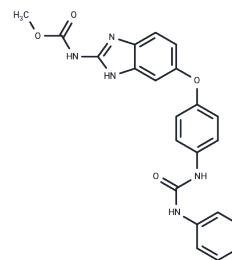


GW694590A

Chemical Properties

CAS No. : 948313-24-4
 Formula: C₂₂H₁₉N₅O₄
 Molecular Weight: 417.42
 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	GW694590A (UNC10112731) functions as a MYC protein stabilizer that enhances the levels of endogenous MYC protein. It also acts on receptor tyrosine kinases, inhibiting DDR2, KIT, and PDGFR α by 81%, 68%, and 67% at a concentration of 1 μ M, respectively. As a protein kinase inhibitor, GW694590A affects both ATP-dependent and ATP-independent luciferases, potentially influencing the Fluc reporter gene [1].
Targets(IC50)	Discoidin Domain Receptor (DDR),c-Kit,c-Myc,PDGFR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3957 mL	11.9783 mL	23.9567 mL
5 mM	0.4791 mL	2.3957 mL	4.7913 mL
10 mM	0.2396 mL	1.1978 mL	2.3957 mL
50 mM	0.0479 mL	0.2396 mL	0.4791 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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