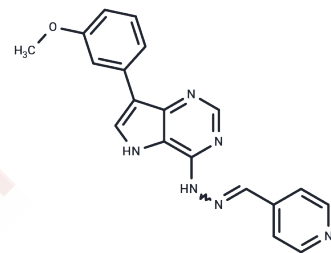


GW814408X

Chemical Properties

CAS No. : 886599-05-9
 Formula: C₁₉H₁₆N₆O
 Molecular Weight: 344.37
 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	GW814408X, a kinase chemical genome group (KCGS) compound, inhibits the AURKC kinase, which is involved in cell cycle progression, checkpoint regulation, and cell division. It exhibits cell line-dependent toxicity, such as cytotoxic effects on HeLa cells, and acts as a protein kinase inhibitor across ATP-dependent and -independent luciferases, potentially impacting Fluc reporter assays [1].
Targets(IC50)	Others,Aurora Kinase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9039 mL	14.5193 mL	29.0385 mL
5 mM	0.5808 mL	2.9039 mL	5.8077 mL
10 mM	0.2904 mL	1.4519 mL	2.9039 mL
50 mM	0.0581 mL	0.2904 mL	0.5808 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

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