

CDK9-IN-25

Chemical Properties

CAS No. :

Formula: C15H16FN5

Molecular Weight: 285.32

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	CDK9-IN-25 (compound 4a), an imidazopyrazine derivative, functions as a CDK9 inhibitor with an IC50 of 0.24 μ M. It also exhibits affinity for the main protease of COVID-19 and demonstrates antiviral activity against human coronavirus 229E, with an IC50 of 63.28 μ M [1].
Targets(IC50)	CDK,SARS-CoV,Virus Protease

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5048 mL	17.5242 mL	35.0484 mL
5 mM	0.701 mL	3.5048 mL	7.0097 mL
10 mM	0.3505 mL	1.7524 mL	3.5048 mL
50 mM	0.0701 mL	0.3505 mL	0.701 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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