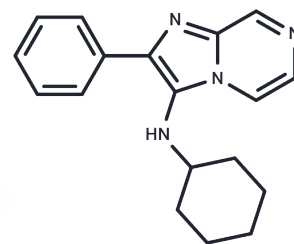


CDK9-IN-34

Chemical Properties

CAS No. : 252725-86-3
 Formula: C₁₈H₂₀N₄
 Molecular Weight: 292.38
 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-34 (Compound 1b) is an inhibitor of CDK9 with an IC ₅₀ of 0.25 μM. It exhibits cytotoxicity against cancer cell lines HCT116, MCF7, and K652, with IC ₅₀ values of 1.43 μM, 3.01 μM, and 50.27 μM, respectively. Additionally, CDK9-IN-34 demonstrates antiviral activity against coronavirus 229E with an IC ₅₀ of 145.92 μM.
Targets(IC ₅₀)	CDK,SARS-CoV

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.4202 mL	17.101 mL	34.2021 mL
5 mM	0.684 mL	3.4202 mL	6.8404 mL
10 mM	0.342 mL	1.7101 mL	3.4202 mL
50 mM	0.0684 mL	0.342 mL	0.684 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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