

CDK2-IN-32

Chemical Properties

CAS No. :

Formula: C₁₈H₁₃Cl₂N₅O₂

Molecular Weight: 402.23

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	CDK2-IN-32 (Compound 5g) is a selective CDK2 inhibitor with an IC ₅₀ of 0.21 μM. It exhibits cytotoxicity towards Vero cells with an IC ₅₀ of 28.52 μM.
Targets(IC ₅₀)	Apoptosis,CDK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4861 mL	12.4307 mL	24.8614 mL
5 mM	0.4972 mL	2.4861 mL	4.9723 mL
10 mM	0.2486 mL	1.2431 mL	2.4861 mL
50 mM	0.0497 mL	0.2486 mL	0.4972 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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