

CDK1-IN-3

Chemical Properties

CAS No. :

Formula: C₂₈H₂₅ClF₃N₅O₂

Molecular Weight: 555.98

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	CDK1-IN-3 (8g) is a selective CDK1 inhibitor with IC ₅₀ values of 36.8 nM for CDK1, 305.17 nM for CDK2, and 369.37 nM for CDK5. CDK1-IN-3 can affect the cell cycle, inhibit cancer cell growth, and is suitable for use in cancer research.
Targets(IC ₅₀)	Others,CDK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7986 mL	8.9931 mL	17.9863 mL
5 mM	0.3597 mL	1.7986 mL	3.5973 mL
10 mM	0.1799 mL	0.8993 mL	1.7986 mL
50 mM	0.036 mL	0.1799 mL	0.3597 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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