

CDK2-IN-9

Chemical Properties

CAS No. :

Formula: C₂₁H₁₆ClN₃O₄S

Molecular Weight: 441.89

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-9 is a potent CDK2 inhibitor (IC ₅₀ : 0.63 μM) with anti-proliferative effects, capable of blocking the cell cycle in S and G ₂ /M phases and inducing apoptosis, showing potential for melanoma research.
Targets(IC ₅₀)	Apoptosis,Others,CDK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.263 mL	11.315 mL	22.6301 mL
5 mM	0.4526 mL	2.263 mL	4.526 mL
10 mM	0.2263 mL	1.1315 mL	2.263 mL
50 mM	0.0453 mL	0.2263 mL	0.4526 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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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481