

CDK2/9-IN-1

Chemical Properties

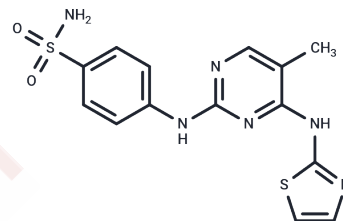
CAS No. : 2222285-23-4

Formula: C₁₄H₁₄N₆O₂S₂

Molecular Weight: 362.43

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	CDK2/9-IN-1 (compound 20a) is an orally active dual inhibitor of CDK2 and CDK9, with IC ₅₀ values of 0.004 μM and 0.009 μM for CDK2 and CDK9, respectively. It induces apoptosis by regulating G2/M cell cycle arrest and exhibits antitumor activity.
Targets(IC ₅₀)	Apoptosis,CDK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7592 mL	13.7958 mL	27.5915 mL
5 mM	0.5518 mL	2.7592 mL	5.5183 mL
10 mM	0.2759 mL	1.3796 mL	2.7592 mL
50 mM	0.0552 mL	0.2759 mL	0.5518 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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