

CDK2-IN-18

Chemical Properties

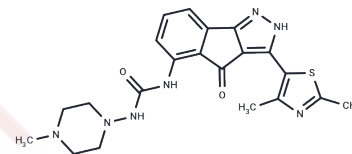
CAS No. : 364735-73-9

Formula: C₂₁H₂₃N₇O₂S

Molecular Weight: 437.52

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-18 (compound 8q) serves as a powerful inhibitor of CDK 2/E and CDK 4/D1, showing IC ₅₀ values of 8 nM and 46 nM, respectively. It effectively inhibits tumor cell proliferation [1].
Targets(IC ₅₀)	CDK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2856 mL	11.428 mL	22.8561 mL
5 mM	0.4571 mL	2.2856 mL	4.5712 mL
10 mM	0.2286 mL	1.1428 mL	2.2856 mL
50 mM	0.0457 mL	0.2286 mL	0.4571 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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