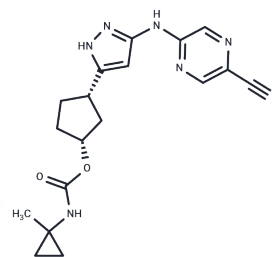


CDK2-IN-27

Chemical Properties

CAS No. :	2927473-94-5
Formula:	C ₁₈ H ₂₁ N ₇ O ₂
Molecular Weight:	367.41
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-27 (compound 1) is an effective inhibitor of CDK2, exhibiting IC ₅₀ values of 10 nM for CDK2/cyclin E1 and >10-20 nM for CDK2/cyclin B1, respectively [1].
Targets(IC ₅₀)	CDK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7218 mL	13.6088 mL	27.2175 mL
5 mM	0.5444 mL	2.7218 mL	5.4435 mL
10 mM	0.2722 mL	1.3609 mL	2.7218 mL
50 mM	0.0544 mL	0.2722 mL	0.5444 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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