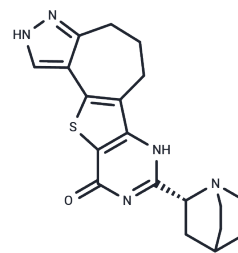


Cdc7-IN-18

Chemical Properties

CAS No. : 2562329-14-8
 Formula: C₁₉H₂₁N₅O₅
 Molecular Weight: 367.47
 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	Cdc7-IN-18 (compound 1-2) is a highly effective inhibitor of the CDC7 enzyme, with an IC ₅₀ value of 1.29 nM for the Cdc7/DBF4 enzyme. Additionally, this compound exhibits strong antiproliferative activities, with an IC ₅₀ value of 53.62 nM in COLO205 cells [1].
Targets(IC ₅₀)	Others,CDK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7213 mL	13.6066 mL	27.2131 mL
5 mM	0.5443 mL	2.7213 mL	5.4426 mL
10 mM	0.2721 mL	1.3607 mL	2.7213 mL
50 mM	0.0544 mL	0.2721 mL	0.5443 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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