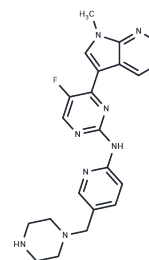


CDK4/6-IN-9

Chemical Properties

CAS No. : 2688098-02-2
 Formula: C₂₂H₂₃FN₈
 Molecular Weight: 418.47
 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	CDK4/6-IN-9 (compound 10) is a selective inhibitor of CDK4/6, demonstrating activity on CDK6/cyclin D1 (IC ₅₀ : 905 nM), and holds potential research value in multiple myeloma (MM).
Targets(IC ₅₀)	Others,CDK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3897 mL	11.9483 mL	23.8966 mL
5 mM	0.4779 mL	2.3897 mL	4.7793 mL
10 mM	0.239 mL	1.1948 mL	2.3897 mL
50 mM	0.0478 mL	0.239 mL	0.4779 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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