

NUAK1-IN-2

Chemical Properties

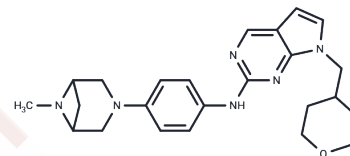
CAS No. :

Formula: C₂₄H₃₀N₆O

Molecular Weight: 418.535

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	NUAK1-IN-2 (Compound 24) is an inhibitor of NUAK1 with an IC ₅₀ of 3.162 nM, as well as an inhibitor of CDK2/4/6. It is applicable in research related to cancer, neurodevelopmental disorders, and Alzheimer's disease.
Targets(IC ₅₀)	CDK,AMPK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3893 mL	11.9463 mL	23.8926 mL
5 mM	0.4779 mL	2.3893 mL	4.7785 mL
10 mM	0.2389 mL	1.1946 mL	2.3893 mL
50 mM	0.0478 mL	0.2389 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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