

NUAK1-IN-1

Chemical Properties

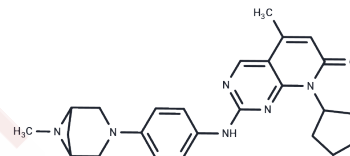
CAS No. :

Formula: C₂₅H₃₀N₆O

Molecular Weight: 430.545

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-1 (Compound 9) is an inhibitor of NUAK1 with an IC ₅₀ of 5.012 nM, as well as a CDK4 inhibitor. It is suitable for research related to cancer, neurodevelopmental disorders, and Alzheimer's disease.
Targets(IC ₅₀)	CDK,AMPK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3226 mL	11.6131 mL	23.2261 mL
5 mM	0.4645 mL	2.3226 mL	4.6452 mL
10 mM	0.2323 mL	1.1613 mL	2.3226 mL
50 mM	0.0465 mL	0.2323 mL	0.4645 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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