

Aurora kinase-IN-1

Chemical Properties

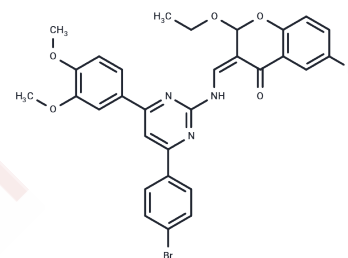
CAS No. :

Formula: C₃₀H₂₅Br₂N₃O₅

Molecular Weight: 667.34

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	Aurora kinase-IN-1, a potent aurora kinase inhibitor, modulates cell cycle progression and induces apoptosis by upregulating G1 cell cycle inhibitory proteins (including p21 and p27), elevating G1 progressive cyclin D1, and downregulating G1-to-S progressive cyclins, thereby arresting the cell cycle at the G1/S boundary. It stands as a promising lead compound for the development of chemotherapeutic agents.
Targets(IC50)	Apoptosis,Others,Aurora Kinase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4985 mL	7.4924 mL	14.9849 mL
5 mM	0.2997 mL	1.4985 mL	2.997 mL
10 mM	0.1498 mL	0.7492 mL	1.4985 mL
50 mM	0.030 mL	0.1498 mL	0.2997 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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