

CDK6/PIM1-IN-1

Chemical Properties

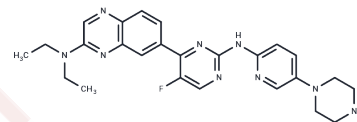
CAS No. : 2677026-14-9

Formula: C₂₅H₂₈FN₉

Molecular Weight: 473.55

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	CDK6/PIM1-IN-1 is a balanced, potent dual inhibitor of CDK6 (IC ₅₀ : 39 nM) and PIM1 (IC ₅₀ : 88 nM), also showing inhibitory activity on CDK4 (IC ₅₀ : 3.6 nM). It significantly inhibits the proliferation of acute myeloid leukemia (AML) cells, arrests the cell cycle in G1 phase, induces cell apoptosis, and demonstrates anti-AML activity.
Targets(IC ₅₀)	Apoptosis,Others,CDK,Pim

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1117 mL	10.5585 mL	21.1171 mL
5 mM	0.4223 mL	2.1117 mL	4.2234 mL
10 mM	0.2112 mL	1.0559 mL	2.1117 mL
50 mM	0.0422 mL	0.2112 mL	0.4223 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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