

FW-1

Chemical Properties

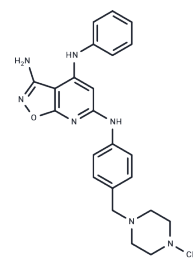
CAS No. :

Formula: C₂₄H₂₇N₇O

Molecular Weight: 429.517

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	FW-1 is a type I inhibitor of FLT3, with an IC ₅₀ of approximately 1 μM. It exhibits cytotoxic effects in FLT3-mutant AML cells, causes cell cycle arrest at the G ₀ /G ₁ phase, and induces apoptosis in MV4-11 and MOLM-13 cells.
Targets(IC ₅₀)	Apoptosis,FLT

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3282 mL	11.6409 mL	23.2818 mL
5 mM	0.4656 mL	2.3282 mL	4.6564 mL
10 mM	0.2328 mL	1.1641 mL	2.3282 mL
50 mM	0.0466 mL	0.2328 mL	0.4656 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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