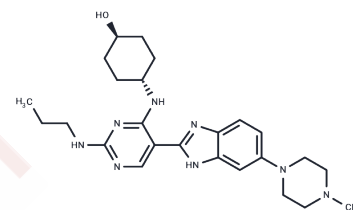


FLT3-IN-33

Chemical Properties

CAS No. : 3035801-67-0
 Formula: C₂₅H₃₆N₈O
 Molecular Weight: 464.61
 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	FLT3-IN-33 (Compound 7r) is a potent FLT3 inhibitor with an IC ₅₀ of 7.82 nM. It exhibits excellent anticancer activity against acute myeloid leukemia (AML) cells, such as MV4-11 and MOLM-13 cells. FLT3-IN-33 significantly induces apoptosis and inhibits the phosphorylation of the FLT3 pathway, making it useful for research in AML and other cancers.
Targets(IC ₅₀)	Apoptosis,FLT

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1523 mL	10.7617 mL	21.5234 mL
5 mM	0.4305 mL	2.1523 mL	4.3047 mL
10 mM	0.2152 mL	1.0762 mL	2.1523 mL
50 mM	0.043 mL	0.2152 mL	0.4305 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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