

FLT3-IN-20

Chemical Properties

CAS No. :

Formula: C28H33N7O2S

Molecular Weight: 531.67

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-20 (compound 34f) is a potent FLT3 inhibitor with IC50 values of 1 nM for FLT3-D835Y and 4 nM for FLT3-ITD. It shows anti-proliferative effects on FLT3-ITD-positive AML cell lines, with IC50s of 7 nM in MV4-11, 9 nM in MOLM-13, and 4 nM in a MOLM-13 variant harboring the FLT3-ITD-D835Y mutation. FLT3-IN-20 is utilized in cancer research [1].
Targets(IC50)	Others,FLT

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8809 mL	9.4043 mL	18.8087 mL
5 mM	0.3762 mL	1.8809 mL	3.7617 mL
10 mM	0.1881 mL	0.9404 mL	1.8809 mL
50 mM	0.0376 mL	0.1881 mL	0.3762 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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