

FLT3/VEGFR2-IN-1

Chemical Properties

CAS No. :

Formula: C29H35N7O5

Molecular Weight: 561.63

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/VEGFR2-IN-1 (Compound 26) is a potent inhibitor of FLT3, VEGFR2, and HDAC, exhibiting IC50 values of 14.5 nM, 3.9 nM, and 30.8 nM against FLT3, VEGFR2, and HDAC1, respectively. It effectively inhibits the phosphorylation of STAT3 and ERK1/2, as well as the proliferation of leukemia cells. FLT3/VEGFR2-IN-1 demonstrates antitumor activity and is applicable in research on acute myeloid leukemia.
Targets(IC50)	ERK,FLT,HDAC,STAT,VEGFR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7805 mL	8.9027 mL	17.8053 mL
5 mM	0.3561 mL	1.7805 mL	3.5611 mL
10 mM	0.1781 mL	0.8903 mL	1.7805 mL
50 mM	0.0356 mL	0.1781 mL	0.3561 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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