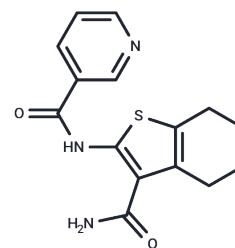


FLT3-IN-16

Chemical Properties

CAS No. : 298207-49-5
 Formula: C₁₅H₁₅N₃O₂S
 Molecular Weight: 301.36
 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-16 exhibits potent inhibitory activity against FLT3 tyrosine kinase with an IC ₅₀ of 1.1 μM. FLT3-IN-16 can be used for researching acute myeloid leukemia [1].
Targets(IC ₅₀)	Others,FLT
In vitro	FLT3-IN-16 (compound 9, 0-10 μM) exhibits anti-proliferative effects on MV4-11 cells, with an IC ₅₀ of 2.0 μM [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3183 mL	16.5915 mL	33.1829 mL
5 mM	0.6637 mL	3.3183 mL	6.6366 mL
10 mM	0.3318 mL	1.6591 mL	3.3183 mL
50 mM	0.0664 mL	0.3318 mL	0.6637 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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