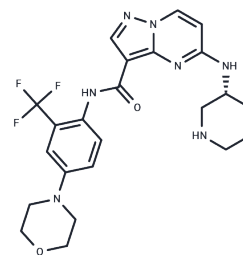


FLT3/ITD-IN-2

Chemical Properties

CAS No. :	2489446-59-3
Formula:	C ₂₃ H ₂₆ F ₃ N ₇ O ₂
Molecular Weight:	489.49
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/ITD-IN-2 is a potent inhibitor of FLT3-ITD and is able to act on FLT3D835Y (IC ₅₀ : 0.3 nM), FLT3 (IC ₅₀ : 0.4 nM) and FLT3-ITD (IC ₅₀ : 1.0 nM). FLT3/ITD-IN-2 effectively inhibits the phosphorylation of FLT3 and is able to effectively inhibit the proliferation of acute myeloid leukemia cells.
Targets(IC ₅₀)	Others,FLT

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0429 mL	10.2147 mL	20.4294 mL
5 mM	0.4086 mL	2.0429 mL	4.0859 mL
10 mM	0.2043 mL	1.0215 mL	2.0429 mL
50 mM	0.0409 mL	0.2043 mL	0.4086 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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