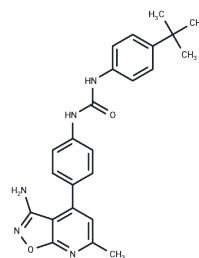


SILA-123

Chemical Properties

CAS No. : 2911585-37-8
 Formula: C₂₄H₂₅N₅O₂
 Molecular Weight: 415.49
 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	SILA-123, an inhibitor of FLT3 (FLT3-WT: IC ₅₀ =2.1 nM; FLT3-ITD: IC ₅₀ =1.0 nM), induces cell apoptosis by hindering the cell cycle progression at the G ₀ /G ₁ phase through the suppression of FLT3 phosphorylation and its downstream signaling pathways. This compound is utilized in the study of acute myeloid leukemia.
Targets(IC ₅₀)	Apoptosis,FLT

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4068 mL	12.034 mL	24.068 mL
5 mM	0.4814 mL	2.4068 mL	4.8136 mL
10 mM	0.2407 mL	1.2034 mL	2.4068 mL
50 mM	0.0481 mL	0.2407 mL	0.4814 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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