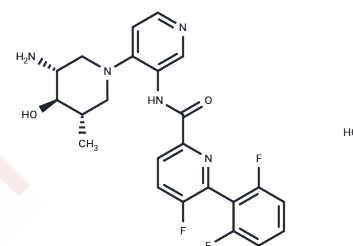


LGB321 monohydrochloride

Chemical Properties

CAS No. :	1469925-36-7
Formula:	C ₂₃ H ₂₃ ClF ₃ N ₅ O ₂
Molecular Weight:	493.91
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	LGB321 monohydrochloride is an effective, selective, and orally active ATP-competitive small molecule inhibitor that targets all three PIM kinases. It inhibits proliferation, the mTOR-C1 signaling pathway, and BAD phosphorylation in various blood cancer-derived cell lines. LGB321 monohydrochloride is suitable for research on hematological malignancies.
Targets(IC50)	mTOR,Pim

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0247 mL	10.1233 mL	20.2466 mL
5 mM	0.4049 mL	2.0247 mL	4.0493 mL
10 mM	0.2025 mL	1.0123 mL	2.0247 mL
50 mM	0.0405 mL	0.2025 mL	0.4049 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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