

FXIa-IN-6

Chemical Properties

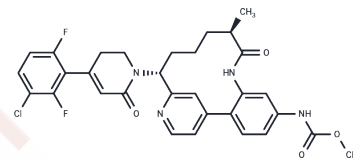
CAS No. : 1551460-43-5

Formula: C₃₁H₂₉ClF₂N₄O₄

Molecular Weight: 595.04

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	FXIa-IN-6 is a potent FXIa inhibitor with selectivity against most relevant serine proteases ($K_i = 0.3$ nM), demonstrating excellent pharmacokinetics (PK) profile, including high oral bioavailability and low clearance, in multiple preclinical species.
Targets(IC50)	Factor Xa,Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6806 mL	8.4028 mL	16.8056 mL
5 mM	0.3361 mL	1.6806 mL	3.3611 mL
10 mM	0.1681 mL	0.8403 mL	1.6806 mL
50 mM	0.0336 mL	0.1681 mL	0.3361 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.

Reference

Yang W, et al. Discovery of a High Affinity, Orally Bioavailable Macrocyclic FXIa Inhibitor with Antithrombotic Activity in Preclinical Species. J Med Chem. 2020 Jul 9;63(13):7226-7242.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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