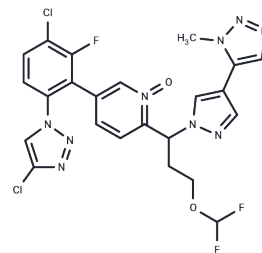


FXIa-IN-9

Chemical Properties

CAS No. : 2816108-87-7
 Formula: C₂₃H₁₈Cl₂F₃N₉O₂
 Molecular Weight: 580.35
 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-9 (compound 3f) is a potent, selective inhibitor of FXIa, demonstrating strong binding affinity through hydrogen bond formation (human FXIa Ki: 0.17 nM, rabbit FXIa Ki: 0.5 nM). It exhibits anticoagulant properties, making it valuable for research into thromboembolic conditions, including atrial fibrillation, stroke, myocardial infarction, deep vein thrombosis, and pulmonary embolism [1].
Targets(IC50)	Factor Xa,Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7231 mL	8.6155 mL	17.231 mL
5 mM	0.3446 mL	1.7231 mL	3.4462 mL
10 mM	0.1723 mL	0.8615 mL	1.7231 mL
50 mM	0.0345 mL	0.1723 mL	0.3446 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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