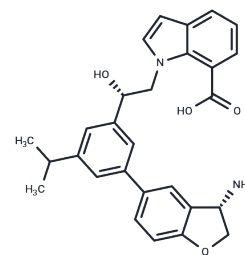


FXIa-IN-7

Chemical Properties

CAS No. : 2488952-56-1
 Formula: C₂₈H₂₈N₂O₄
 Molecular Weight: 456.53
 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-7 is an orally available, selective and potent factor XIa inhibitor for the study of thrombophilia.
Targets(IC50)	Factor Xa
In vitro	FXIa-IN-7 is a selective and orally active factor XIa inhibitor with an inhibitory half concentration (IC50) of 0.4 nM. [1]

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1904 mL	10.9522 mL	21.9044 mL
5 mM	0.4381 mL	2.1904 mL	4.3809 mL
10 mM	0.219 mL	1.0952 mL	2.1904 mL
50 mM	0.0438 mL	0.219 mL	0.4381 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

Lorthiois E, et al. Structure-Based Design and Preclinical Characterization of Selective and Orally Bioavailable Factor XIa Inhibitors: Demonstrating the Power of an Integrated S1 Protease Family Approach. J Med Chem. 2020 Aug 13;63(15):8088-8113.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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