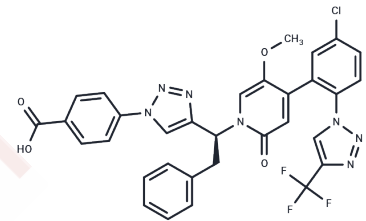


FXIa-IN-15

Chemical Properties

CAS No. : 3053222-76-4
 Formula: C32H23ClF3N7O4
 Molecular Weight: 662.02
 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-15 (Compound (S)-10h) is an inhibitor of factor XIa (FXIa) and plasma kallikrein (PKa) with IC50 values of 0.38 nM and 59.2 nM, respectively. It exhibits anticoagulant properties by prolonging the 50% activated partial thromboplastin time (aPTT) with an EC1.5X of 0.55 µM.
Targets(IC50)	Factor Xa

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5105 mL	7.5526 mL	15.1053 mL
5 mM	0.3021 mL	1.5105 mL	3.0211 mL
10 mM	0.1511 mL	0.7553 mL	1.5105 mL
50 mM	0.0302 mL	0.1511 mL	0.3021 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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