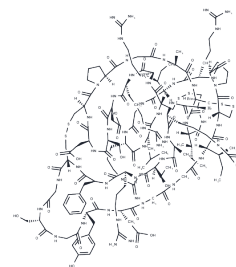


cMCoFx1

Chemical Properties

CAS No. :	2853605-24-8
Formula:	C146H232N52O44S6
Molecular Weight:	3612.12
Storage:	Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	cMCoFx1 is an effective and selective FXIIa cyclic peptide inhibitor. It exhibits high binding affinity for FXIIa (KD: 900 pM) and potent inhibitory activity (Ki: 370 pM). cMCoFx1 effectively suppresses the intrinsic coagulation pathway, demonstrates high stability in serum, and shows no cytotoxicity.
Targets(IC50)	Factor Xa

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2768 mL	1.3842 mL	2.7685 mL
5 mM	0.0554 mL	0.2768 mL	0.5537 mL
10 mM	0.0277 mL	0.1384 mL	0.2768 mL
50 mM	0.0055 mL	0.0277 mL	0.0554 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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