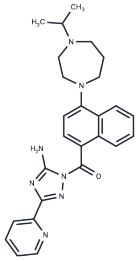
Data Sheet (Cat.No.T210261)

TargetMol

FXIIa-IN-5

Chemical Properties



CAS No. : 3047411-80-0

Formula: C26H29N7O

Molecular Weight: 455.55

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	FXIIa-IN-5 (Compound 4J) is an orally effective selective inhibitor of factor XIIa (FXIIa), with an IC50 of 21 nM. It inhibits the intrinsic coagulation pathway and demonstrates anti-inflammatory and antithrombotic activities in a Carrageenan-induced thrombosis model in mice. FXIIa-IN-5 exhibits moderate pharmacokinetic properties and mild toxicity at a dosage of 100 mg/kg.
Targets(IC50)	Thrombin

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1951 mL	10.9757 mL	21.9515 mL
5 mM	0.439 mL	2.1951 mL	4.3903 mL
10 mM	0.2195 mL	1.0976 mL	2.1951 mL
50 mM	0.0439 mL	0.2195 mL	0.439 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

This product is for Research Use Only· Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481