

Abelacimab

Chemical Properties

CAS No. : 2098724-83-3

Formula:

Molecular Weight: 144.32 kDa

Storage: Store at low temperature
-20°C for 1 year

Actual storage temperature shall be subject to the COA.

Biological Description

Description	Abelacimab (MAA868), a fully human IgG1 monoclonal antibody that binds to and blocks the activation of FXI, is an anticoagulant used in the study of thromboembolic diseases.
Targets(IC50)	Factor Xa
In vitro	Abelacimab prolonged clotting time and decreased human plasma thrombin levels in a concentration-dependent manner over a concentration range of 0.0001 to 1 μ M. [1]
In vivo	Subcutaneous injections of 3-30 mg/kg Abelacimab , days 1, 85, and 114, demonstrated potent and long-lasting anticoagulant effects in crab-eating monkeys, significantly prolonged the aPTT, and had a favorable safety profile, with no significant signs of toxicity or bleeding observed. In addition, intravenous, 0.6 mg/kg Abelacimab also demonstrated excellent anticoagulant activity in the FXI-/- C57BL/6 mouse model of ferric chloride-induced thrombosis, preventing carotid artery occlusion. [1]

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.0069 mL	0.0346 mL	0.0693 mL
5 mM	0.0014 mL	0.0069 mL	0.0139 mL
10 mM	0.0007 mL	0.0035 mL	0.0069 mL
50 mM	0.0001 mL	0.0007 mL	0.0014 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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