

Pozelimab

Chemical Properties

CAS No. :	2096328-94-6
Formula:	
Molecular Weight:	144.78 kDa
Storage:	Store at low temperature
	-20°C for 1 year
	<i>Actual storage temperature shall be subject to the COA.</i>

Biological Description

Description	Pozelimab (REGN 3918) is a humanized antibody targeting component 5 (C5), used for research on Pozelimab disease.
Targets(IC50)	Complement System
In vitro	The Kd values of Pozelimab binding to human C5 and cyborg monkey C5 were 262 pM and 8.55 nM, and the IC50 values were 2.8 nM and 20 nM, respectively. Pozelimab blocks alternative pathway (AP) -mediated hemolysis in normal and cynomolophoric monkeys with IC50 values of 26 and 8.9 nM, respectively. [1]
In vivo	Pozelimab (5 or 10 mg/kg, injected subcutaneously) has a half-life of 12.9-13.3 days in cynophilic monkeys. [2] Pozelimab (15 mg/kg, injected subcutaneously) showed prolonged pharmacokinetics and pharmacodynamics in both mice and cynophagous monkeys, and blocked complement mediated in vitro hemolysis activity for at least 35 days. [1]

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.0069 mL	0.0345 mL	0.0691 mL
5 mM	0.0014 mL	0.0069 mL	0.0138 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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