

Evinacumab

Chemical Properties

CAS No. :	1446419-85-7
Formula:	
Molecular Weight:	150 kDa
Storage:	Store at low temperature
	-20°C for 1 year
	<small>Actual storage temperature shall be subject to the COA.</small>

Biological Description

Description	Evinacumab (REGN1500) is a humanized monoclonal antibody targeting ANGPTL3. It is useful for studying cardiovascular diseases.
Targets(IC50)	ANGPTL
In vitro	Evinacumab has similar affinity for ANGPTL3 in human, mouse, rat and monkey with KD = 0.26-1.28 nM. [1]
In vivo	Evinacumab (10 mg/kg intraperitoneally administered once weekly for 8 weeks) reduced serum TGs in C57Bl/6 mice with normal lipemia. After Evinacumab treatment, heparin LPL activity increased 1.8 times in C57Bl/6 mice and 2.5 times in db/db mice. Evinacumab (3 mg/kg or 10 mg/kg) reduced blood lipids in cynomolgus monkeys. [1]

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.0067 mL	0.0333 mL	0.0667 mL
5 mM	0.0013 mL	0.0067 mL	0.0133 mL
10 mM	0.0007 mL	0.0033 mL	0.0067 mL
50 mM	0.0001 mL	0.0007 mL	0.0013 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.

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