

Raxibacumab

Chemical Properties

CAS No. :	565451-13-0
Formula:	
Molecular Weight:	142.96 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	Raxibacumab (ABthrax) is a humanized antibody targeting the protective antigen of Bacillus anthracis, with anti-infective activity, blocking the interaction of anthrax protective antigen with its receptor. It is used in studies of anthrax disease prevention.
Targets(IC50)	Antibacterial
In vivo	Raxibacumab (150 or 300µg/kg, intravenously) treated a rat model first exposed to anthrax lethal toxin (LeTx) and significantly improved outcomes in rats. [1]

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.007 mL	0.035 mL	0.0699 mL
5 mM	0.0014 mL	0.007 mL	0.014 mL
10 mM	0.0007 mL	0.0035 mL	0.007 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.

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