

## Tesidolumab

## Chemical Properties

CAS No. :	1531594-08-7
Formula:	
Molecular Weight:	144.16 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	Tesidolumab (LFG316) is a fully human IgG1/λ anti-C5 monoclonal antibody. Tesidolumab (LFG316) has an inhibitory effect on crovalimab and C5, blocking the cutting of C5 and preventing the subsequent formation of membrane attack complex, which can be used to study extravascular hemolysis.
Targets(IC50)	Complement System
In vitro	Tesidolumab (LFG316) has a half-life of approximately 9 days in humans and binds to a unique epitope distant from Arg 885, differentiating it from eculizumab and ravulizumab in its binding site[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.0069 mL	0.0347 mL	0.0694 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.

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