

Lampalizumab

Chemical Properties

CAS No. :	1278466-20-8
Formula:	
Molecular Weight:	143.8 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	Lampalizumab (RG 7417) is a humanized monoclonal antibody targeting Complement Factor D in the complement pathway, used in age-related macular degeneration (AMD) and cardiovascular disease research.
Targets(IC50)	Complement System
In vivo	Lampalizumab achieved rapid equilibrium in eye tissue after intravitreal administration in cynomophagus monkeys. Its elimination is relatively slow in the eyes, $\tau_{1/2}$ in about 3 days, while the whole body is quickly eliminated, $\tau_{1/2}$ in 0.8 hours. [1]

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.007 mL	0.0348 mL	0.0695 mL
5 mM	0.0014 mL	0.007 mL	0.0139 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481