

Vamikibart

Chemical Properties

CAS No. : 2744320-12-3

Formula:

Molecular Weight: 145.95 kDa

Store at low temperature

Storage: Store at -20°C

Actual storage temperature shall be subject to the COA.

Biological Description

Description	Vamikibart (RG6179) is a humanized monoclonal antibody targeting interleukin-6 (IL-6). It antagonizes IL-6-mediated pro-inflammatory signaling to effectively inhibit uveitic macular edema (UME) and reduce retinal leakage. In clinical studies, Vamikibart administered via intravitreal injection significantly decreases anterior chamber cell density, demonstrating potent intraocular anti-inflammatory effects.
Targets(IC50)	IL Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.0069 mL	0.0343 mL	0.0685 mL
5 mM	0.0014 mL	0.0069 mL	0.0137 mL
10 mM	0.0007 mL	0.0034 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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