

Volagidemab

Chemical Properties

CAS No. :	1233956-13-2
Formula:	
Molecular Weight:	147 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	Volagidemab (AMG-477) is a glucagon receptor (GCGR) antagonist and monoclonal antibody for the study of endocrine and metabolic diseases such as type 1 diabetes (T1D) and hypoglycemia.
Targets(IC50)	Glucagon Receptor
In vivo	Subcutaneous injection of 5 mg/kg Volagidemab suppresses the phenotype of type 1 diabetes in a mouse model of tetracycline-induced diabetes. [2]

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.0068 mL	0.034 mL	0.068 mL
5 mM	0.0014 mL	0.0068 mL	0.0136 mL
10 mM	0.0007 mL	0.0034 mL	0.0068 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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