

Ociperlimab

Chemical Properties

CAS No. :	2342597-93-5
Formula:	
Molecular Weight:	145.12 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	Ociperlimab (BGB-A1217) is a humanized antibody targeting TIGIT with antitumor activity. It blocks the TIGIT-PVR interaction and is used in the study of advanced solid tumors.
Targets(IC50)	Others
In vitro	Treatment with Ociperlimab (0-10 µg/mL) increased the secretion of IFN-γ by cytomegalovirus-specific T cells. Ociperlimab (1-1000 ng/mL) activates natural killer cells and monocytes in an FC-dependent manner. Ociperlimab removes TIGIT from the surface of T cells through FC-dependent endocytosis in vitro. [1]
In vivo	Ociperlimab (3 and 10 mg/kg; Intravitreal injection) in CT26 WT tumor-bearing human TIGIT knockout mice and MC38 tumor-bearing human TIGIT knockout mice showed that Ociperlimab produced anti-tumor effects in an FC-dependent manner. [1]

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.0069 mL	0.0345 mL	0.0689 mL
5 mM	0.0014 mL	0.0069 mL	0.0138 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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