

Relatlimab

Chemical Properties

CAS No. : 1673516-98-7

Formula:

Molecular Weight: 145.2 kDa

Storage: Store at low temperature
-20°C for 1 year

Actual storage temperature shall be subject to the COA.

Relatlimab

Biological Description

Description	Relatlimab(BMS-986016) is a monoclonal antibody targeting human anti-LAG-3, generated by immunization of transgenic mice with human immunoglobulin carrying recombinant LAG-3 protein. Relatlimab has a blocking effect, blocking the interaction of LAG-3/MHC II (IC50: 0.67 nM) and LAG-3/FGL1 (IC50: 0.019 nM). Relatlimab is often used with Nivoluma to treat advanced melanoma.
Targets(IC50)	LAG-3
In vitro	Relatlimab (0.001-100 nM) recognizes native LAG-3 and binds to primary activated human and macaque CD4+ T cells with EC50 values of 0.11 nM and 29.11 nM, respectively.[1] Relatlimab (0.001-10000 nM; 3A9-hLAG-3) enhances peptide reactivity of T-cell hybridoma 3A9-hLAG-3 and reverses lag-3-mediated inhibition of T-cell hybridoma 3A9-hLAG-3 Effect, IC50 value is 1.05 nM.[1] Relatlimab (0.001-10000 nM; primary T cells) enhances activation and enhances IL-2 secretion in superantigen-stimulated human PBMC cultures.[1]

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.0069 mL	0.0344 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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