

Mupadolimab

Chemical Properties

CAS No. :	2451856-97-4
Formula:	
Molecular Weight:	146.92 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	Mupadolimab (CPI-006) is a humanized FC-γR binding deficient IgG1 anti-CD73 antibody with potential anticancer activity and activation of CD73POS B cells.
Targets(IC50)	CD73
In vitro	Mupadolimab induces increased expression of markers associated with B cell maturation and antigen presentation, transformation into plasma cells, as well as increased secretion of IgM and IgG[1].
In vivo	Mupadolimab (10 mg/kg; intraperitoneal injection; once daily for 15 days) stimulates antigen-specific humoral immunity in NSG-SGM3 mice infected with SARS-CoV-2[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.0068 mL	0.034 mL	0.0681 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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