

## Penpulimab

## Chemical Properties

CAS No. :	2350298-92-7
Formula:	
Molecular Weight:	145.14 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	Penpulimab is a monoclonal antibody targeting PD-1 with antitumor activity, used in studies of pancreatic cancer.
Targets(IC50)	PD-1/PD-L1
In vitro	Penpulimab is an IgG1 anti-PD-1 monoclonal antibody with anti-tumor activity. Penpulimab significantly increased the levels of IL-2 and IFN- $\gamma$ produced by peripheral blood mononuclear cells (PBMC). [1]
In vivo	Penpulimab (5 mg/kg intraperitoneally administered twice a week for three weeks) inhibits tumor growth. [2]

## 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.

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