

## Pacmilimab

## Chemical Properties

CAS No. :	2145091-51-4
Formula:	
Molecular Weight:	153.3 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	Pacmilimab (CX-072) is a Probody immune checkpoint inhibitor targeting programmed death ligand 1 (PD-L1) with anti-tumor activity for the study of solid tumors.
Targets(IC50)	PD-1/PD-L1
In vivo	Pacmilimab demonstrated anti-tumor effects in MC38 tumor model mice that matched the effects of the parental antibody at the same dose. [1] Pacmilimab predominantly clustered in tumor tissues of PD-L1-expressing mice, with minimal uptake in peripheral non-tumorigenic lymphoid tissues. This distributional property suggests that its uptake in non-tumorigenic PD-L1-expressing tissues is limited and may contribute to the maintenance of immune self-tolerance. [1]

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.0065 mL	0.0326 mL	0.0652 mL
5 mM	0.0013 mL	0.0065 mL	0.013 mL
10 mM	0.0007 mL	0.0033 mL	0.0065 mL
50 mM	0.0001 mL	0.0007 mL	0.0013 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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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481