

## Envafolimab

## Chemical Properties

CAS No. :	2102192-68-5
Formula:	
Molecular Weight:	80 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	Envafolimab (ASC 22) is a humanized monoclonal antibody targeting programmed cell death ligand-1 (PD-L1), with antitumor activity. It blocks the interaction between PD-L1 and PD-1, and is used in studies of solid tumors.
Targets(IC50)	PD-1/PD-L1
In vitro	Envafolimab can inhibit the growth of gastric cancer cells with low PD-L1 expression by down-regulating DDX20 expression and regulating NFκB/TNF-α signaling pathway. [1]

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.0125 mL	0.0625 mL	0.125 mL
5 mM	0.0025 mL	0.0125 mL	0.025 mL
10 mM	0.0013 mL	0.0063 mL	0.0125 mL
50 mM	0.0003 mL	0.0013 mL	0.0025 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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