

## Birtamimab

## Chemical Properties

CAS No. :	1608108-91-3
Formula:	
Molecular Weight:	146.44 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	Birtamimab (NEOD001) is a monoclonal antibody selectively targeting and depleting amyloid protein, used in research on light chain amyloidosis.
Targets(IC50)	Beta Amyloid
In vitro	Birtamimab inhibits viral maturation by specifically blocking the cleavage of mature CA proteins by the Gag capsid (CA) precursor CA-SP1, resulting in core aggregation defects and the release of immature non-infectious virions. The 90% inhibitory concentration of Bevirimat in vitro was 22.1 ng/ml (37.8 nM). [1]

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.0068 mL	0.0341 mL	0.0683 mL
5 mM	0.0014 mL	0.0068 mL	0.0137 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.

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