

## lorvotuzumab

## Chemical Properties

CAS No. :	339306-30-8
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	Lorvotuzumab (Anti-NCAM1/CD56 Reference Antibody (lorvotuzumab)) is a humanized monoclonal antibody that binds to CD56 (NCAM1) and can be used to synthesize the antibody-drug conjugate Lorvotuzumab mertansine.
Targets(IC50)	ADC Antibody
In vivo	Lorvotuzumab mertansine (IMGN901) is an antibody-drug conjugate (ADC) that utilizes a disulfide linker to connect the potent anti-mitotic agent DM1 to the CD56-targeting antibody (Lorvotuzumab). Lorvotuzumab mertansine is effective against Wilms' tumor, rhabdomyosarcoma, and neuroblastoma.

## 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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