

## Siltuximab

## Chemical Properties

CAS No. :	541502-14-1
Formula:	
Molecular Weight:	144.98 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	Siltuximab(CNTO-328) is a monoclonal antibody with anti-tumor activity targeting IL-6 for the study of giant lymph node hyperplasia (MCD) and COVID-19.
Targets(IC50)	IL Receptor, Interleukin
In vivo	In xenograft mouse models, Siltuximab, when administered through intraperitoneal injection at a dosage of 10 mg/kg three times per week, inhibits the growth of lung cancer cells[1]. Furthermore, in a xenograft model, the growth of MCF-7 tumors is inhibited by Siltuximab with intraperitoneal injections at a dose of 20 mg/kg twice per week for 6 weeks[3].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.0069 mL	0.0345 mL	0.069 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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