

## Rosmantuzumab

## Chemical Properties

CAS No. :	1684393-04-1
Formula:	
Molecular Weight:	150 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	Rosmantuzumab (OMP-131R10) is a humanized monoclonal antibody against R-spondin 3 (RSPO3). Rosmantuzumab has potential antitumor activity and can be used to study advanced relapsed refractory solid tumors.
Targets(IC50)	Others,Wnt/beta-catenin
In vivo	Rosmantuzumab (25 mg/kg; intraperitoneal injection; once a week; for 4 weeks) significantly protects animals from developing liver fibrosis[1]. Rosmantuzumab (25 mg/kg; intraperitoneal injection; once every two weeks; for 6 weeks) in a bleomycin-induced pulmonary fibrosis mouse model significantly inhibits skin thickness, collagen deposition, and the number of $\alpha$ -SMA-positive cells[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.0067 mL	0.0333 mL	0.0667 mL
5 mM	0.0013 mL	0.0067 mL	0.0133 mL
10 mM	0.0007 mL	0.0033 mL	0.0067 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.

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