

Oleclumab

Chemical Properties

CAS No. :	1803176-05-7
Formula:	
Molecular Weight:	143.14 kDa
Storage:	Store at low temperature
	-20°C for 1 year
	Actual storage temperature shall be subject to the COA.

Biological Description

Description	Oleclumab (MEDI9447) is a human anti-CD73 monoclonal antibody with anticancer activity that inhibits the extracellular enzyme CD73 nucleic acid exonuclease activity, inhibits the adenosine pathway, and can be used for the study of metastatic desmoplasia-resistant prostate cancer.
Targets(IC50)	CD73
In vivo	In the Murine Balb/c syngeneic CT26 colon carcinoma tumor model, intraperitoneal administration of Oleclumab (10 mg/kg; twice per week for 2 weeks) resulted in a significant inhibition of tumor growth by at least 50% from day 7 to day 16 compared to the isotype control antibody-treated groups[2].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.007 mL	0.0349 mL	0.0699 mL
5 mM	0.0014 mL	0.007 mL	0.014 mL
10 mM	0.0007 mL	0.0035 mL	0.007 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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