

Vorsetuzumab

Chemical Properties

CAS No. :	1165740-62-4
Formula:	
Molecular Weight:	146.1 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	Vorsetuzumab (Anti-Human CD70 Recombinant Antibody) is a monoclonal antibody that targets the CD70 antigen. It exhibits anticancer activity by enhancing macrophage-associated phagocytosis of kidney cancer cells and inhibiting Burkitt lymphoma.
Targets(IC50)	Immunology/Inflammation related,TNF
In vitro	In vitro, vorsetuzumab (10 µg/mL; 2 h) augments macrophage-dependent phagocytosis of renal carcinoma cells[1]. Vorsetuzumab (10 µg/mL; 2 h) can be developed into a bispecific anti-human CD70/KWAR23 antibody. The results show that KWAR23 moderately induced macrophage phagocytosis of four renal carcinoma cell lines (RCC4, RCC10, TK10, and Caki-1)[1].
In vivo	In SRG mice, vorsetuzumab (10 mg/kg; i.p.; every other day; for 12 d) inhibits the growth of Burkitt's lymphoma cells[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.0068 mL	0.0342 mL	0.0684 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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