

Vorsetuzumab mafodotin

Chemical Properties

CAS No. :	1165741-01-4
Formula:	
Molecular Weight:	146.1 kDa
Storage:	Store at low temperature
	Store at -20°C
	Actual storage temperature shall be subject to the COA.

Biological Description

Description	Vorsetuzumab mafodotin (SGN-75) is an auristatin-based, CD70-targeted antibody-drug conjugate (ADC), composed of the humanized monoclonal antibody Vorsetuzumab and the ADC cytotoxic molecule MMAF, and exerts antitumor effects.
Targets(IC50)	Antibody-Drug Conjugates (ADCs),Immunology/Inflammation related
In vitro	Vorsetuzumab mafodotin (SGN-75) induces dose-dependent cytotoxicity after continuous exposure for 96 hours in the concentration range of 0.01 to 10000 ng/mL, with an IC50 of 29 ng/mL [1].
In vivo	Vorsetuzumab mafodotin (SGN-75) administered intraperitoneally at a dose of 3 mg/kg, four times at 4-day intervals, can significantly reduce the median tumor volume in mice and effectively inhibit tumor growth [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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