

Naxitamab

Chemical Properties

CAS No. : 1879925-92-4

Formula:

Molecular Weight: 144.38 kDa

Storage: Store at low temperature
-20°C for 1 year

Actual storage temperature shall be subject to the COA.

Biological Description

Description	Naxitamab (Hu3F8) is a humanized monoclonal antibody targeting GD2 with antitumor activity, used to study neuroblastoma, osteosarcoma, and other GD2-positive cancers.
Targets(IC50)	Others
In vitro	Naxitamab (Hu3F8; 72 h) exhibits cytotoxicity against the neuroblastoma cell line LAN-1, with an EC50 value of 5.1 µg/mL[1]. Naxitamab (0.1-1 µg/mL; 4 h; peripheral blood mononuclear cells (PBMC) and polymorphonuclear leukocytes (PMN)) demonstrates antibody-dependent cell-mediated cytotoxic effects (ADCC)[1].
In vivo	In athymic nude mice with LAN-1 xenografts, Naxitamab (Hu3F8; 100 mg/kg; intravenous; twice a week for 4 weeks) inhibits tumor growth in neuroblastoma xenografts[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.0069 mL	0.0346 mL	0.0693 mL
5 mM	0.0014 mL	0.0069 mL	0.0139 mL
10 mM	0.0007 mL	0.0035 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481