

Tafasitamab

Chemical Properties

CAS No. : 1422527-84-1

Formula:

Molecular Weight: 147.41 kDa

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

Actual storage temperature shall be subject to the COA.

Biological Description

Description	Tafasitamab (XmAb5574) is an FC-modified humanized monoclonal antibody targeting the human B-cell surface antigen CD19 for the study of diffuse large B-cell lymphoma.
Targets(IC50)	Apoptosis,Immunology/Inflammation related
In vitro	In an E/T ratio-dependent manner, tafasitamab (XmAb5574) induced cytotoxicity to Mino and Jeko (MCL) cell lines. It also increased antibody-dependent cellular phagocytosis (ADCP) and antiproliferative activity. Additionally, tafasitamab (XmAb5574) can enhance the anti-proliferative activity induced by caspase-mediated apoptosis[1][2].
In vivo	In a xenograft tumor model of disseminated BL mice, tafasitamab (2.5 µg/kg, once on day 1) inhibited lymphoma growth[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.0068 mL	0.0339 mL	0.0678 mL
5 mM	0.0014 mL	0.0068 mL	0.0136 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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