

Dargistotug

Chemical Properties

CAS No. : 2649362-29-6

Formula:

Molecular Weight: 144.70 kDa

Store at low temperature

Storage: Store at -20°C

Actual storage temperature shall be subject to the COA.

Biological Description

Description	Dargistotug (M-6223), a fully human IgG1 monoclonal antibody, specifically binds to TIGIT (T cell immune receptor with Ig domain and ITIM), an inhibitory checkpoint receptor that plays a critical role in immune regulation. Dargistotug (M-6223) mitigates NK cell depletion, enhances cytokine secretion, modulates effector T cell activity, and increases regulatory T cell (Treg) function, thereby contributing to the broader immunosuppressive environment. Dargistotug (M-6223) has thus become an important agent in research focused on immune checkpoint inhibition.
Targets(IC50)	Immunology/Inflammation related

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.0069 mL	0.0346 mL	0.0691 mL
5 mM	0.0014 mL	0.0069 mL	0.0138 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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