

Tregalizumab

Chemical Properties

CAS No. : 1207446-68-1

Formula:

Molecular Weight: 147.41 kDa

Store at low temperature

Storage: Store at -20°C

Actual storage temperature shall be subject to the COA.

Biological Description

Description	Tregalizumab (BT-061) is a humanised monoclonal antibody targeting CD4, capable of binding unique epitopes on CD4 and selectively inducing regulatory T cell (Treg) activation. It holds potential applications in immunology and inflammation.
Targets(IC50)	Immunology/Inflammation related
In vitro	Methods: Peripheral blood mononuclear cells (PBMCs) were treated with Tregalizumab (0-30 µg/mL for 18 hours), and the downregulation of CD4 expression was detected by flow cytometry. Results: At a concentration of 10 µg/mL Tregalizumab, CD4 expression in T cells significantly decreased and reached a steady state within 18 hours.[2]

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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