

Siplizumab

Chemical Properties

CAS No. :	288392-69-8
Formula:	
Molecular Weight:	147.24 kDa
Storage:	Store at low temperature -20°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

Biological Description

Description	Siplizumab (MEDI-507) is a humanized IgG1 monoclonal antibody that targets CD2, selectively depleting effector memory T cells and promoting the relative expansion of alloreactive regulatory T cells in vitro. Siplizumab can be used to treat plaque psoriasis.
Targets(IC50)	Others, Immunology/Inflammation related
In vitro	Siplizumab (MEDI-507; 0.00001-10 nM) binds to FcγR, inducing signal transduction, and at concentrations of 0.0001-10 μg/mL, it mediates cell depletion and reduces T-cell proliferation[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.0068 mL	0.034 mL	0.0679 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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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481