

Basiliximab

Chemical Properties

CAS No. :	179045-86-4
Formula:	
Molecular Weight:	144.01 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	Basiliximab (CHI 621) is a chimeric mouse/human IgG1 monoclonal recombinant antibody targeting the interleukin-2 receptor, demonstrating potent immunosuppressive activity for use in kidney transplantation studies.
Targets(IC50)	Interleukin
In vitro	Specifically inhibiting T lymphocyte proliferation, Basiliximab binds to IL-2R α [1]. It binds only to activated lymphocytes and macrophages/monocytes[3]. Basiliximab does not affect resting T lymphocytes that do not express IL-2R α [2].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.0069 mL	0.0347 mL	0.0694 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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