

## Pascolizumab

## Chemical Properties

CAS No. :	331243-22-2
Formula:	
Molecular Weight:	147.18 kDa
Storage:	Store at low temperature
	-20°C for 1 year
	Actual storage temperature shall be subject to the COA.

## Biological Description

Description	Pascolizumab (SB-240683) is a humanized monoclonal antibody targeting IL-4, exhibiting asthmatic effects and useful for studying allergic rhinitis.
Targets(IC50)	IL Receptor
In vitro	Pascolizumab binds to IL-4 and inhibits the interaction between IL-4 and its receptor alpha chain[1]. Pascolizumab (0-10000 pM; 3 days) demonstrates anti-proliferative activity with IC50 values of 157 pM for T cells and 377 pM for tonsillar B cells[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.

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