

## Visilizumab

## Chemical Properties

CAS No. :	219716-33-3
Formula:	
Molecular Weight:	144.64 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	Visilizumab is a humanized IgG2 monoclonal antibody engineered to target the CD3 antigen on T-cells while exhibiting low Fc receptor binding activity to minimize activation-induced cytotoxicity. this unique design potentially suppresses the body's immune response through the modulation of T-cell function, and Visilizumab can be used in studies about the treatment of ulcerative colitis and Crohn's disease.
Targets(IC50)	Apoptosis,Others
In vitro	<b>Methods:</b> Visilizumab (1 ng/mL, 10 ng/mL, 100 ng/mL, 1000 ng/mL, 10,000 ng/mL, 2-48 hours (samples were taken and analyzed at 2, 4, 20, 24, and 48 hours)) was used to treat lamina propria T cells and observe their cell growth. <b>Results:</b> Visilizumab was able to induce dose- and time-dependent apoptosis of lamina propria T cells. [1]

## 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**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481