

Abciximab

Chemical Properties

CAS No. :	143653-53-6
Formula:	
Molecular Weight:	95.18 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	Abciximab (C7E3) is a mouse/human chimeric monoclonal antibody that is a potent glycoprotein IIb/IIIa inhibitor. Abciximab has anti-platelet aggregation and leukocyte adhesion, acting by binding to glycoproteins IIb/IIIa, vitronectin and Mac-1 receptors.
Targets(IC50)	Integrin
In vitro	Inhibiting platelet aggregation induced by physiologic and pathologic agonists, abciximab (C7E3) achieves this effect by binding to the platelet α IIb β 3 integrin[2]. Abciximab appears to have similar affinity for the α IIb β 3 and α v β 3 integrins and redistributes between them[2].
In vivo	Effectively preventing neointimal hyperplasia, abciximab (C7E3) is administered at a dose of 0.25 mg/kg/day via intravenous infusion for 28 days[2].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.0105 mL	0.0525 mL	0.1051 mL
5 mM	0.0021 mL	0.0105 mL	0.021 mL
10 mM	0.0011 mL	0.0053 mL	0.0105 mL
50 mM	0.0002 mL	0.0011 mL	0.0021 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