

## Glenzocimab

## Chemical Properties

CAS No. :	2101829-58-5
Formula:	
Molecular Weight:	48.29 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	Glenzocimab (ACT017), a Fab fragment of a humanized anti-GPVI monoclonal antibody, demonstrated inhibition of collagen-induced platelet aggregation in an ischemic stroke model and has been studied in acute ischemic stroke and cerebral thrombosis.
Targets(IC50)	Others
In vitro	Inhibited the binding of GPVI-Fc to collagen immobilized on microtiter plates, glenzocimab (0-100,000 ng/mL) demonstrated an IC50 of 1.37 µg/mL[2].
In vivo	Glenzocimab ( 1-8 mg / kg ; i.v. ) inhibited collagen-induced platelet aggregation in cynomolgus monkeys [ 2 ].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.0207 mL	0.1035 mL	0.2071 mL
5 mM	0.0041 mL	0.0207 mL	0.0414 mL
10 mM	0.0021 mL	0.0104 mL	0.0207 mL
50 mM	0.0004 mL	0.0021 mL	0.0041 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