

PAR650097

Chemical Properties

CAS No. :

Formula:

Molecular Weight: 144.1 kDa

Store at low temperature

Storage: -20°C for 1 year

Actual storage temperature shall be subject to the COA.

Biological Description

Description	PAR650097 is a humanized monoclonal antibody targeting PAR2, used in migraine research.
Targets(IC50)	Protease-activated Receptor
In vitro	PAR650097 has a high affinity for human PAR2 with KD value =833 pM PAR650097 effectively inhibits trypsin-driven activation of PAR2 with IC50 of 0.58 or 0.22 nM, respectively. [1]
In vivo	Intravenous administration of PAR650097 (100 mg/kg for 7 days) in rats achieved systemic exposure equivalent to high multiples of IC50 in vitro. The half-life is about 1-2 days. [1]

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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