

Parsatuzumab

Chemical Properties

CAS No. : 1312797-14-0

Formula:

Molecular Weight: 148.22 kDa

Storage: Store at low temperature
-20°C for 1 year

Actual storage temperature shall be subject to the COA.

Parsatuzumab

Biological Description

Description	Parsatuzumab (RG 7414) is a humanized monoclonal antibody targeting EGFL7, which is also used as an immunomodulator. Parsatuzumab selectively inhibits the interaction between EGFL7 and endothelial cells, and has an inhibitory effect on endothelial growth factor (VEGF). Parsatuzumab has been used in combination with other compounds for a long time. Combined use to study rectal cancer
Targets(IC50)	VEGFR
In vitro	EGFL7, a vascular-restricted extracellular matrix protein, promotes endothelial cell adhesion and survival[2]. Parsatuzumab inhibits cell proliferation and induces apoptosis in patient-derived xenograft (PDX) cells after 48 hours[1].
In vivo	In several xenograft and genetically engineered murine tumor models, Parsatuzumab (anti-EGFL7) enhances the antiangiogenesis, tumor growth control, and survival associated with antiVEGF monotherapy[1]. In mouse models of mantle cell lymphoma (MCL), Parsatuzumab (50 mg/kg; i.v.; 3 times per week) targets EGFL7, inhibits MCL cell growth, and prolongs survival[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.0067 mL	0.0337 mL	0.0675 mL
5 mM	0.0013 mL	0.0067 mL	0.0135 mL
10 mM	0.0007 mL	0.0034 mL	0.0067 mL
50 mM	0.0001 mL	0.0007 mL	0.0013 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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