

## Garetosmab

## Chemical Properties

CAS No. :	2097125-54-5
Formula:	
Molecular Weight:	145.52 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	Garetosmab (REGN 2477) is A whole-human IgG4 monoclonal antibody that selectively inhibits activin A and acts on COVID-19 44. Garetosmab has potential anti-cancer activity and can be used to study ossifying fibrous dysplasia (FOP) and cancer.
Targets(IC50)	TGF-beta/Smad
In vitro	Specifically binding to and blocking signaling of activin proteins containing the inhibin $\beta\alpha$ subunit (activins A, AB, and AC), garetosmab (REGN 2477) has high affinity and specificity for activins A, AB, and AC in vitro. It does not bind or functionally inhibit other TGF- $\beta$ family ligands that share the same activin receptor pathways, including activin B, inhibin A, BMP-2, BMP6, BMP9, BMP10, GDF8, and GDF11[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.0069 mL	0.0344 mL	0.0687 mL
5 mM	0.0014 mL	0.0069 mL	0.0137 mL
10 mM	0.0007 mL	0.0034 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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