

## Ginisortamab

## Chemical Properties

CAS No. : 2390147-17-6

Formula:

Molecular Weight: 147.55 kDa

Store at low temperature

Storage: Store at -20°C

Actual storage temperature shall be subject to the COA.

## Biological Description

Description	Ginisortamab (UCB6114) is a fully humanized monoclonal antibody targeting Gremlin-1, with IC50 values of 8.2 nM and 9 nM against human and mouse Gremlin-1, respectively. It inhibits Gremlin-1's antagonistic effect on BMP and is applicable for studying gastrointestinal tumors.
Targets(IC50)	TGF-beta/Smad
In vitro	Ginisortamab (0.1-1000 nM) exhibited dose-dependent inhibitory effects on Homo sapiens and murine gremlin-1, with mean IC50 values of 8.2 nM (Homo sapiens-derived) and 9 nM (murine-derived), respectively [2]. The geometric mean binding affinities of Ginisortamab for Homo sapiens and murine gremlin-1 were 87 pM and 61 pM, respectively [2]. Ginisortamab (150 nM, 30-120 minutes) effectively blocked the antagonistic effect of gremlin-1 on the BMP signaling pathway in Homo sapiens colorectal cancer cells (CRC) and fibroblasts [2].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.0068 mL	0.0339 mL	0.0678 mL
5 mM	0.0014 mL	0.0068 mL	0.0136 mL
10 mM	0.0007 mL	0.0034 mL	0.0068 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.

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