

## Orilanolimab

## Chemical Properties

CAS No. : 2066544-85-0

Formula:

Molecular Weight: 144.02 kDa

Store at low temperature

Storage: Store at -20°C

Actual storage temperature shall be subject to the COA.

## Biological Description

Description	Orilanolimab (SYNT 001, ALXN 1830) is a humanised and deimmunised monoclonal antibody targeting FcRn, disrupting the interaction between FcRn and IgG, and may be used in immunology research.
Targets(IC50)	Others
In vitro	In primary CD11c+ APCs derived from B2MTG/TGFCGRTTG/TG Fcgrt-/- mice, Orilanolimab (10nM, 50nM, and 100nM, 48 hours) suppressed IFN- $\gamma$ secretion by OVA-specific CD8+ and CD4+ T cells [1].
In vivo	In hFcRn-expressing mouse models, Orilanolimab (20 mg/kg, intravenous injection) significantly reduced the levels of human IgG and IgG ICs in plasma [1]. Orilanolimab (10, 30, 100 mg/kg, intravenous injection, once weekly) induced a dose-dependent and proposed reduction in total circulating IgG levels in cynomolgus monkeys [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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