

Ordesekimab

Chemical Properties

CAS No. :	879293-15-9
Formula:	
Molecular Weight:	145.12 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	Ordesekimab (AMG 714) is a human IgG1 κ -anti-IL-15 (Interleukin Related) monoclonal antibody. Ordesekimab binds competitively to IL-15, inhibiting the interaction of IL-15 with the common gamma chain of the IL-2R β and IL-15 receptor complex, but not with the IL-15R α chain. Ordesekimab can be used to study non-reactive celiac disease (NRCD).
Targets(IC50)	IL Receptor, Interleukin
In vitro	Theoretically, Ordesekimab (AMG 714) may promote antibody-dependent cell-mediated cytotoxicity (ADCC) by concurrently binding to Fc γ receptor (R) III α on natural killer (NK) cells and the IL-15/IL-15R α complex on cells like monocytes, targeting cells expressing IL-15R α [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.0069 mL	0.0345 mL	0.0689 mL
5 mM	0.0014 mL	0.0069 mL	0.0138 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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