

## Lusvertikimab

## Chemical Properties

CAS No. :	2375835-91-7
Formula:	
Molecular Weight:	145.63 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	Lusvertikimab (OSE-127) is a humanized anti-IL7R antibody with anti-leukemic efficacy that reduces leukemic load in xenograft ALL through antibody-dependent phagocytosis and may be used to study leukemia.
Targets(IC50)	IL Receptor, Interleukin
In vitro	Lusvertikimab inhibits STAT5 phosphorylation in IL7-dependent ALL cell lines and patient-derived xenograft (PDX) samples. [2]
In vivo	Lusvertikimab-treated mice exhibited a reduction in peripheral hemoblasts in 95% of the xenograft (PDX) samples when control mice showed overt clinical signs of leukemia. [1]

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.0069 mL	0.0343 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.

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