

## Vopikitug

## Chemical Properties

CAS No. :	2733581-99-0
Formula:	
Molecular Weight:	144.53 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	Vopikitug is a humanized monoclonal antibody targeting IL-2RA with antitumor activity. It can be used to study cancer.
Targets(IC50)	IL Receptor, Interleukin
In vitro	Vopikitug exerts its antitumor activity by targeting CD25 (IL-2R $\alpha$ ), a marker that is highly expressed on the surface of regulatory T cells (TREGs). By specifically binding to CD25, Vopikitug was able to selectively consume TreGs, potentially enhancing the body's immune response to tumors. [1]

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.0069 mL	0.0346 mL	0.0692 mL
5 mM	0.0014 mL	0.0069 mL	0.0138 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.

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