

## Enoticumab

## Chemical Properties

CAS No. :	1192578-27-0
Formula:	
Molecular Weight:	146.22 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	Enoticumab (REGN421) is a fully human IgG1 monoclonal antibody with anticancer activity that inhibits the growth of cancer cells. Enoticumab binds human DLL4 and disrupts Notch-mediated signaling.
Targets(IC50)	Gamma-secretase
In vivo	In an ovarian xenograft model, Enoticumab demonstrates specific in vivo activity. EGN421 (2.5 mg/kg, administered once weekly) achieved tumor growth inhibition of 86% and 83% in subcutaneous TOV-112D and intraperitoneal A2780 human tumor xenograft models in mice, respectively. [1]

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.0068 mL	0.0342 mL	0.0684 mL
5 mM	0.0014 mL	0.0068 mL	0.0137 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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