

## Refanezumab

## Chemical Properties

CAS No. :	1233953-61-1
Formula:	
Molecular Weight:	148.28 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	Refanezumab (GSK249320) is an IgG1 humanized monoclonal antibody that crosses the blood-brain barrier (BBB) and targets myelin-associated glycoprotein (MAG) for the study of neurological and cardiovascular diseases.
Targets(IC50)	Others
In vivo	Male Sprague Dawley rats were administered 10 mg/kg Refanezumab intravenously starting 24 hours after stroke onset and repeated weekly for a total of 6 doses. The results showed that this treatment resulted in significant improvements in neurologic scores and step tests. Refanezumab was able to penetrate the damaged area and had some positive impact on functional recovery within 24 hours of stroke. [1]

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.0067 mL	0.0337 mL	0.0674 mL
5 mM	0.0013 mL	0.0067 mL	0.0135 mL
10 mM	0.0007 mL	0.0034 mL	0.0067 mL
50 mM	0.0001 mL	0.0007 mL	0.0013 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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