

## Rafivirumab

## Chemical Properties

CAS No. :	944548-37-2
Formula:	
Molecular Weight:	145.76 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	Rafivirumab (CR57) is a monoclonal antibody targeting the rabies virus G protein, used in the study of rabies virus infection.
Targets(IC50)	Others
In vitro	Rafivirumab completely neutralizes the wild type ERA439 and N336D R346K with an EC50 of 3-5 pg/mL. [1]
In vivo	Rafivirumab improves survival in rats infected with rabies virus by intrathecal inoculation. [2] Rafivirumab (3-12 µg/kg, intramuscular injection) improved survival in Syrian hamsters infected with bat rabies virus [1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.0069 mL	0.0343 mL	0.0686 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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