

Rabies Virus Glycoprotein

Chemical Properties

CAS No. :

Formula: C141H217N43O43S2

Molecular Weight: 3266.7

Keep away from moisture

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

Biological Description

Description	Rabies Virus Glycoprotein is a 29 amino acid fragment generated from rabies virus glycoprotein (RVG). This peptide specifically binds to the acetylcholine receptor expressed by neuronal cells.
Targets(IC50)	Others

Solubility Information

Solubility	H2O: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3061 mL	1.5306 mL	3.0612 mL
5 mM	0.0612 mL	0.3061 mL	0.6122 mL
10 mM	0.0306 mL	0.1531 mL	0.3061 mL
50 mM	0.0061 mL	0.0306 mL	0.0612 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.

Reference

Zou Z, et al. Cre Fused with RVG Peptide Mediates Targeted Genome Editing in Mouse Brain Cells In Vivo. Int J Mol Sci. 2016 Dec 14;17(12). pii: E2104.

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