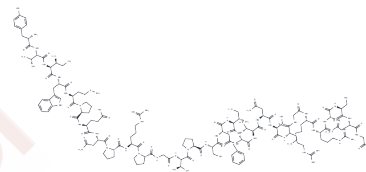


RVG

## Chemical Properties

CAS No. : 115136-25-9  
Formula: C<sub>141</sub>H<sub>217</sub>N<sub>43</sub>O<sub>43</sub>S<sub>2</sub>  
Molecular Weight: 3266.62  
Storage: Keep away from moisture  
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	RVG29, a peptide originating from Rabies Virus Glycoprotein, specifically targets the $\alpha$ -7 subunit of nicotinic acetylcholine receptors (AChR) on neuronal cells, thereby facilitating the transport of Mycobacterium tuberculosis antigens to antigen-presenting cells [1].
Targets(IC50)	Antibacterial

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3061 mL	1.5306 mL	3.0613 mL
5 mM	0.0612 mL	0.3061 mL	0.6123 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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