

Fusion glycoprotein (92-106) [Human respiratory syncytial virus]

Chemical Properties

CAS No. :

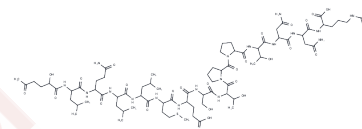
Formula: C73H124N22O25S

Molecular Weight: 1741.96

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	Fusion glycoprotein (92-106) [Human respiratory syncytial virus] is a peptide with the sequence H2N-Glu-Leu-Gln-Leu-Leu-Met-Gln-Ser-Thr-Pro-Pro-Thr-Asn-Asn-Arg-OH, MW= 1741.96.
Targets(IC50)	Others
In vitro	Glycoproteins are proteins that contain oligosaccharide chains (glycans) covalently attached to polypeptide side-chains. Secreted extracellular proteins are often glycosylated. In proteins that have segments extending extracellularly, the extracellular segments are also glycosylated. Glycoproteins are often important integral membrane proteins, where they play a role in cell-cell interactions. Glycoproteins are also formed in the cytosol, but their functions and the pathways producing these modifications in this compartment are less well understood. One example of glycoproteins found in the body is mucins, which are secreted in the mucus of the respiratory and digestive tracts. The sugars attached to mucins give them a considerable water-holding capacity and also make them resistant to proteolysis by digestive enzymes. Glycoproteins are important for white blood cell recognition, especially in mammals [1][2].

Solubility Information

Solubility	DMSO: ≥174.2 mg/mL, Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5741 mL	2.8703 mL	5.7407 mL
5 mM	0.1148 mL	0.5741 mL	1.1481 mL
10 mM	0.0574 mL	0.287 mL	0.5741 mL
50 mM	0.0115 mL	0.0574 mL	0.1148 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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