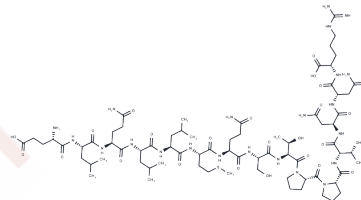


## Fusion glycoprotein (92-106)

## Chemical Properties

CAS No. :	406477-46-1
Formula:	C73H124N22O25S
Molecular Weight:	1741.96
Storage:	Keep away from moisture Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



## Biological Description

Description	Fusion glycoprotein 92-106 is a peptide derived from the respiratory syncytial virus (RSV) fusion protein. It functions as an MHC class I-restricted cytotoxic T lymphocyte (CTL) epitope, with all 15 amino acids effectively recognized by CTLs.
Targets(IC50)	RSV
In vitro	Fusion glycoprotein 92-106 forms a complex with Kd heavy chain and $\beta$ 2-microglobulin.
In vivo	Administering Fusion glycoprotein 92-106 (100 $\mu$ g, subcutaneously, twice weekly for 3 weeks) can induce a protective immune response against RSV infection in a BALB/c mouse model.

## 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**

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Tel: 781-999-4286 E\_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481