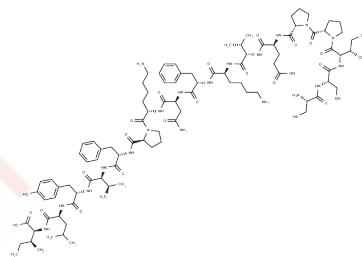


## Peptide C105Y

## Chemical Properties

CAS No. :	247572-63-0
Formula:	C97H148N20O23S
Molecular Weight:	1994.4
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	C105Y, a synthetic peptide (CSIPPEVKFNKPFVYLI) based on the amino acid sequence corresponding to residues 359-374 of alpha1-antitrypsin, enhances gene expression from DNA nanoparticles.
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5014 mL	2.507 mL	5.014 mL
5 mM	0.1003 mL	0.5014 mL	1.0028 mL
10 mM	0.0501 mL	0.2507 mL	0.5014 mL
50 mM	0.010 mL	0.0501 mL	0.1003 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

Rhee M, et al. Mechanism of uptake of C105Y, a novel cell-penetrating peptide. J Biol Chem. 2006 Jan 13;281(2): 1233-40.

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