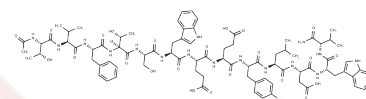


Pep2-8

## Chemical Properties

CAS No. :	1541011-97-5
Formula:	C83H110N16O24
Molecular Weight:	1715.85
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	Proprotein convertase subtilisin/kexin type 9 (PCSK9) inhibitor. Potent inhibitor of PCSK9 binding to LDL receptor (IC50 = 0.8 μM). Restores LDL uptake in HepG2 cells treated with PCSK9.
Targets(IC50)	Others

## Solubility Information

Solubility	PBS (pH 7.4): 2 mg/mL (1.17 mM), 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	0.5828 mL	2.914 mL	5.828 mL
5 mM	0.1166 mL	0.5828 mL	1.1656 mL
10 mM	0.0583 mL	0.2914 mL	0.5828 mL
50 mM	0.0117 mL	0.0583 mL	0.1166 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

Zhang et al (2014) Identification of a small peptide that inhibits PCSK9 protein binding to the low density lipoprotein receptor. J.Biol.Chem. 289 942 PMID:

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