

HA2 peptide

Chemical Properties

CAS No. :	117138-19-9
Formula:	C116H158N26O32S
Molecular Weight:	2460.75
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	HA2 peptide is a pH-sensitive fusion peptide derived from hemagglutinin (HA). HA2 peptide is anionic and binds cationic peptides to facilitate siRNA condensation, and HA2 peptide is utilized in biomedical delivery research focused on endosomal escape mechanisms, nucleic acid delivery systems, and pH-triggered membrane fusion processes in cancer-associated cellular models.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.4064 mL	2.0319 mL	4.0638 mL
5 mM	0.0813 mL	0.4064 mL	0.8128 mL
10 mM	0.0406 mL	0.2032 mL	0.4064 mL
50 mM	0.0081 mL	0.0406 mL	0.0813 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

Tai W, et al.. Functional peptides for siRNA delivery. Adv Drug Deliv Rev. 2017 Feb;110-111:157-168.

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