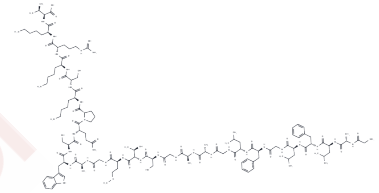


MPG, HIV related

Chemical Properties

CAS No. :	395069-92-8
Formula:	C126H201N35O33S
Molecular Weight:	2766.22
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	MPG, a 27-amino acid peptide compound, is derived from the fusion peptide domain of HIV-1 gp41 and the nuclear localisation sequence of SV40 large T antigen. As a potent delivery agent, MPG enables efficient and widespread transport of nucleic acids and oligonucleotides into cultured cells.
Targets(IC50)	HIV Protease

Solubility Information

Solubility	H2O: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3615 mL	1.8075 mL	3.615 mL
5 mM	0.0723 mL	0.3615 mL	0.723 mL
10 mM	0.0362 mL	0.1808 mL	0.3615 mL
50 mM	0.0072 mL	0.0362 mL	0.0723 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

Morris MC, et al. A novel potent strategy for gene delivery using a single peptide vector as a carrier. Nucleic Acids Res. 1999 Sep 1;27(17):3510-7.

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