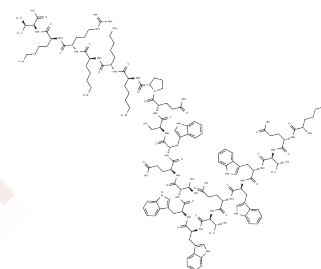


Pep-1 (uncapped)

Chemical Properties

CAS No. :	395069-86-0
Formula:	C136H195N35O33
Molecular Weight:	2848.22
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	Pep-1 (uncapped), which has 21 amino acid residues, is a known carrier peptide that delivers full-length native proteins in vitro and in vivo.
Targets(IC50)	Others, Interleukin

Solubility Information

Solubility	H2O: 245 mg/mL (86.02 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3511 mL	1.7555 mL	3.511 mL
5 mM	0.0702 mL	0.3511 mL	0.7022 mL
10 mM	0.0351 mL	0.1755 mL	0.3511 mL
50 mM	0.007 mL	0.0351 mL	0.0702 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

Almarwani B, et al. Vesicles mimicking normal and cancer cell membranes exhibit differential responses to the cell-penetrating peptide Pep-1. *Biochim Biophys Acta Biomembr.* 2018 Jun;1860(6):1394-1402.

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