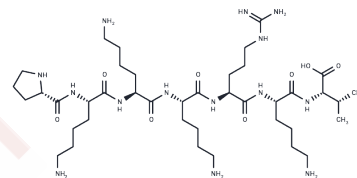


NLS (PKKKRKV)

Chemical Properties

CAS No. :	95088-49-6
Formula:	C40H78N14O8
Molecular Weight:	883.14
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	NLS (PKKKRKV) is a peptide derived from the 40 tumor antigen of the great ape virus (SV40 big T antigen), which is a method to enhance the nuclear portal in the research field of gene transfer.
Targets(IC50)	DNA/RNA Synthesis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1323 mL	5.6616 mL	11.3232 mL
5 mM	0.2265 mL	1.1323 mL	2.2646 mL
10 mM	0.1132 mL	0.5662 mL	1.1323 mL
50 mM	0.0226 mL	0.1132 mL	0.2265 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

Zanta MA, et al. Gene delivery: A single nuclear localization signal peptide is sufficient to carry DNA to the cell nucleus. Proc Natl Acad Sci U S A. 1999 Jan 5;96(1):91-6.

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