

NLS PKKKRKV acetate(95088-49-6 free base)

Chemical Properties

CAS No. :

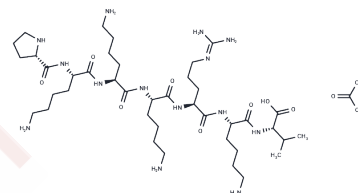
Formula: C42H82N14O10

Molecular Weight: 943.21

Keep away from moisture

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description NLS PKKKRKV acetate 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) Others

Solubility Information

Solubility DMSO: 10 mM, Sonication is recommended.
(< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0602 mL	5.301 mL	10.6021 mL
5 mM	0.212 mL	1.0602 mL	2.1204 mL
10 mM	0.106 mL	0.5301 mL	1.0602 mL
50 mM	0.0212 mL	0.106 mL	0.212 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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