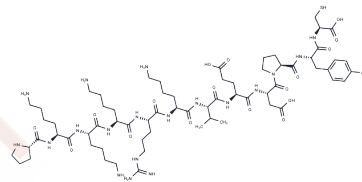


SV40 T-Ag-derived NLS peptide

Chemical Properties

CAS No. :	105425-98-7
Formula:	C66H111N19O18S
Molecular Weight:	1490.77
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	This peptide, a nuclear localization signal DNA tagged to this peptide efficiently translocates into the cell nucleus.
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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	0.6708 mL	3.354 mL	6.7079 mL
5 mM	0.1342 mL	0.6708 mL	1.3416 mL
10 mM	0.0671 mL	0.3354 mL	0.6708 mL
50 mM	0.0134 mL	0.0671 mL	0.1342 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

Benimetskaya L, et al. Protamine-fragment peptides fused to an SV40 nuclear localization signal deliver oligonucleotides that produce antisense effects in prostate and bladder carcinoma cells. *Bioconj Chem.* 2002 Mar-Apr;13(2):177-87.

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