

## SV40 large T antigen NLS

## Chemical Properties

CAS No. :

Formula: C58H104N20O18S

Molecular Weight: 1401.7

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	SV40 large T antigen NLS, originating from Large T antigen residue 47 to 55, facilitates protein import into the cell nucleus. This peptide is specifically generated from Large T antigen residue 47 to 55.
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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	0.7134 mL	3.5671 mL	7.1342 mL
5 mM	0.1427 mL	0.7134 mL	1.4268 mL
10 mM	0.0713 mL	0.3567 mL	0.7134 mL
50 mM	0.0143 mL	0.0713 mL	0.1427 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

Xiao CY, et al. Negative charge at the protein kinase CK2 site enhances recognition of the SV40 large T-antigen NLS by importin: effect of conformation. FEBS Lett. 1998 Dec 4;440(3):297-301.

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