

## VSV-G Peptide acetate(103425-05-4 free base)

## Chemical Properties

CAS No. :

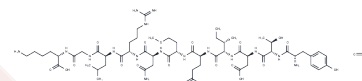
Formula: C59H98N16O21S

Molecular Weight: 1399.58

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	VSV-G Peptide acetate(103425-05-4 free base) is a 11 amino acid peptide derived from the Vesicular Stomatitis viral glycoprotein.
Targets(IC50)	Others
In vitro	VSV-G is widely used for pseudotyping retroviral, lentiviral, and artificial viral vectors. VSV-G can be incorporated into Ad293 cells and is able to induce cell fusion, leading to the transfer of cytoplasmic protein[1].

## 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	0.7145 mL	3.5725 mL	7.145 mL
5 mM	0.1429 mL	0.7145 mL	1.429 mL
10 mM	0.0715 mL	0.3573 mL	0.7145 mL
50 mM	0.0143 mL	0.0715 mL	0.1429 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

Liu X, et al. VSV-G Viral Envelope Glycoprotein Prepared from Pichia pastoris Enhances Transfection of DNA into Animal Cells. J Microbiol Biotechnol. 2017 Jun 28;27(6):1098-1105.

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