

VSV-G Peptide

Chemical Properties

CAS No. :

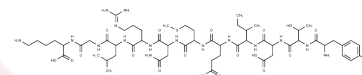
Formula: C57H94N16O19S

Molecular Weight: 1339.52

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 is a vesicular stomatitis virus G (VSV-G) protein fragment. VSV-G protein is commonly used in biomedical research to pseudotype retroviral and lentiviral vectors, conveying the ability to transduce a broad range of mammalian cell types with genes of interest.
Targets(IC50)	Others
In vitro	The VSIV G protein has also been used in cytological studies of trafficking in the endomembrane system. Immunoelectron microscopy suggests that VSIV G protein moves from cis to trans Golgi bodies without being transported between them in vesicles, supporting the cisternal maturation model of Golgi trafficking [1][2].

Solubility Information

Solubility	H2O: ≥30.6 mg/mL, Sonication is recommended. Ethanol: <1 mg/mL, DMSO: ≥134 mg/mL, Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7465 mL	3.7327 mL	7.4654 mL
5 mM	0.1493 mL	0.7465 mL	1.4931 mL
10 mM	0.0747 mL	0.3733 mL	0.7465 mL
50 mM	0.0149 mL	0.0747 mL	0.1493 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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