

DSPE-PEG-DWRVIIPRPSA

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Cat. No.: SN-M-LT206

Chemical Properties

Product Name	DSPE-PEG-DWRVIIPRPSA
Full Name	DSPE-PEG-DWRVIIPRPSA
Peptide Sequence	DWRVIIPRPSA
PEG Molecular Weight	2000; other molecular weights can be customised.
Appearance	White / off-white solid or viscous liquid, depending on the molecular weight.
Storage	Store sealed and dry at low temperature (below -20 °C).
Stability	Refrigerate; avoid repeated freeze-thaw cycles.
Solubility	Alcohols, pure water, DMSO and other common organic solvents.

Biological Description

Targeting / Application	Arginine-rich recognition peptide; Protein Purification.
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Application

- Studies for cell penetration and drug delivery systems
- Intracellular delivery vectors as molecular probes
- Functional studies applied to protein transduction domains
- For liposomal surface arginine enrichment modification to improve cellular uptake efficiency
- As a model tool to study the interaction of arginine-enriched peptides with cell membranes

Related Products

- DSPE-PEG-DWRVIIPRPSA (Arginine-rich recognition peptide)
- DSPE-PEG-R8 (Octa-arginine cell transmembrane peptide)
- DSPE-PEG-R9 (Polyarginine Cell Transmembrane Peptide)
- DSPE-PEG-Cell Penetrating Peptide
- DSPE-PEG-TAT (transmembrane peptide)

This product is a research reagent and must not be used for clinical validation or human therapeutic use.