

DSPE-PEG-TVALPGGYVRVC

DSPE-PEG-TVALPGGYVRVC (Distearoylphosphatidylethanolamine - polyethylene glycol - tumour-targeting protein)

Cat. No.: **SN-M-LT139**

Chemical Properties

Product Name	DSPE-PEG-TVALPGGYVRVC
Full Name	DSPE-PEG-TVALPGGYVRVC (Distearoylphosphatidylethanolamine - polyethylene glycol - tumour-targeting protein)
Peptide Sequence	CTVALPGGYVRVC
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	Tumour-targeting peptides; Tumour Cell Recognition.
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Application

- Research for tumour-targeted drug/gene delivery systems
- Building blocks for tumour-targeted imaging probes
- Tumour-targeted functional modifications applied to nanoliposomes or micellar surfaces
- Used to study the interaction of tumour cell surface markers with targeted ligands
- Modifying elements as an integrated platform for oncology diagnosis and treatment

Related Products

- DSPE-PEG-Integrin-targeting peptide
- DSPE-PEG-Tumour Penetrating Peptide
- DSPE-PEG-EGFR Targeted Lipid Materials
- DSPE-PEG-Antibody Fragment Conjugate
- DSPE-PEG-Cell Penetrating Peptide

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