DSPE-PEG-TCP-1

DSPE-PEG-TCP-1 (CTPSPFSHC)

Cat. No.: **SN-M-LT156**

Chemical Properties

Product Name	DSPE-PEG-TCP-1
Full Name	DSPE-PEG-TCP-1 (CTPSPFSHC)
Peptide Sequence	TCP-1(CTPSPFSHC)
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.

Application

- Targeted delivery studies for cardiac repair drugs after myocardial infarction
- Building Materials for Cardiac-Specific Nano-Imaging Probes
- Targeted modifications applied to gene therapy vectors for heart disease
- For liposomal surface cardiac targeted functional modification
- As a modeling tool to study cardiac tissue-specific targeting mechanisms

Related Products

- DSPE-PEG-CTP (Cardiac Targeting Peptide)
- DSPE-PEG-Mitochondrial Targeting Peptide
- DSPE-PEG-Vasoactive Intestinal Peptide
- DSPE-PEG-Hepatocyte-targeting peptide
- DSPE-PEG-Mannose-targeting peptide

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

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