

DSPE-PEG-anti-CD133

DSPE-PEG-anti-CD133 (Distearoylphosphatidylethanolamine - polyethylene glycol - tumour-targeting protein)

Cat. No.: **SN-M-LT212**

Chemical Properties

Product Name	DSPE-PEG-anti-CD133
Full Name	DSPE-PEG-anti-CD133 (Distearoylphosphatidylethanolamine - polyethylene glycol - tumour-targeting protein)
Peptide Sequence	anti-CD133
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	CD133 Targeting Antibody; Tumour Stem Cells.
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Application

- Used to build a variety of targeted drug delivery systems
- As a research tool for functional modification of nanocarrier surfaces
- Basic Research Applied to Targeted Recognition Mechanisms
- Targeted functional modifications for liposomes or nanoparticles
- Model compounds screened and evaluated as novel targeted ligands

Related Products

- DSPE-PEG-Integrin-targeting peptide
- DSPE-PEG-Cell Penetrating Peptide
- DSPE-PEG-Tumour Penetrating Peptide
- DSPE-PEG-Transferrin-targeting peptide
- DSPE-PEG-EGFR Targeted Lipid Materials

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