

DSPE-PEG-HYNIC

DSPE-PEG-HYNIC (Radiolabeled ligands)

Cat. No.: **SN-M-LT205**

Chemical Properties

Product Name	DSPE-PEG-HYNIC
Full Name	DSPE-PEG-HYNIC (Radiolabeled ligands)
Peptide Sequence	SN-M-LT109
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	Radiolabeled ligands; Nuclear medicine imaging.
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Application

- Nano-imaging probes for building ^{99m}Tc/¹¹¹In labels
- Radiolabeling platform as SPECT/pet imaging agent
- Applied to tumour-targeted radionuclide imaging studies
- Tracer studies for in vivo distribution and pharmacokinetics of nanocarriers
- Modifying elements as carriers for radioimmunoimaging

Related Products

- DSPE-PEG-HYNIC (Radiolabeled ligands)
- DSPE-PEG-RGD-FITC (Fluorescently labeled peptides)
- DSPE-PEG-Integrin-targeting peptide
- DSPE-PEG-Tumour Penetrating Peptide
- DSPE-PEG-Antibody Fragment Conjugate

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