

DSPE-PEG-Trastuzumab

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

Cat. No.: **SN-M-LT216**

Chemical Properties

Product Name	DSPE-PEG-Trastuzumab
Full Name	DSPE-PEG-Trastuzumab (Distearoylphosphatidylethanolamine - polyethylene glycol - tumour-targeting protein)
Peptide Sequence	Trastuzumab
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	Trastuzumab; HER2 targeting.
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Application

- Delivery System Study for Tumour Targeted Immunotherapy Drugs
- Building Materials as Targeted Imaging Probes for Molecular Imaging Diagnostics
- Application to the development of ADC (antibody drug conjugate) vectors
- Antibody-targeted functional modifications for liposomal or nanoparticle surfaces
- As a model tool to study antibody-antigen interactions and endocytosis transport mechanisms

Related Products

- DSPE-PEG-anti-HER2 Fab (Antibody Fragments)
- DSPE-PEG-Trastuzumab (Trastuzumab)
- DSPE-PEG-rituximab (Rituximab)
- DSPE-PEG-anti-CD19 mAb
- DSPE-PEG-anti-EGFR scFv C10

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