



mPEG-DSPE

Catalog: Lipo-508

PRODUCT INFORMATION

Name mPEG-DSPE

Cat No. Lipo-508

Product Overview

1,2-Distearoyl-sn-Glycero-3-Phosphoethanolamine (DSPE) conjugated Polyethylene Glycol, DSPE PEG is a phospholipid PEG conjugate which has both hydrophilicity and hydrophobicity. Pegylated phospholipids are excellent liposome formation materials that can be used for drug delivery, gene transfection and vaccine delivery as well. Pegylation of phospholipids significantly improves the blood circulation time and stability for encapsulated drugs. These materials can also be used for targeted drug delivery by modifying their surfaces with targeting ligands such as antibodies, peptides.

Purity >95%

Application Liposome production; Synthetic lipid

Form Off-white/white solid or semi-solid depends on molecule weight. Soluble in warm water and chloroform

Storage Store at -20 °C

Synonyms

DSPE PEG, mPEG-DSPE; DSPE PEG, DSPE PEG Maleimide, DSPE NHS, DSPE amine, DMPE, DPPE, DOPPE, PEG, Maleimide, mPEG DSPE, DSPE PEG PDP, DSPE PEG NH₂, DSPE PEG COOH, DSPE PEG Biotin, DSPE PEG FITC, DSPE PEG Azide