



# mPEG-DPPE

**Catalog: Lipo-507**

## PRODUCT INFORMATION

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<b>Name</b>	mPEG-DPPE
<b>Cat No.</b>	Lipo-507
<b>Product Overview</b>	1,2-Dipalmitoyl-sn-Glycero-3-Phosphoethanolamine (DPPE) conjugated Polyethylene Glycol, DPPE 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.
<b>Purity</b>	>95%
<b>Application</b>	Liposome production; Synthetic lipid
<b>Form</b>	Off-white/white solid or viscous liquid depends on molecule weight. Soluble in regular aqueous solution as well as most organic solvents.
<b>Storage</b>	Store at -20 °C
<b>Synonyms</b>	DPPE PEG; mPEG-DPPE; DSPE PEG, DSPE PEG Maleimide, DSPE NHS, DSPE amine, DMPE, DPPE, DOPPE, PEG, Maleimide, mPEG DSPE, DSPE PEG PDP, DSPE PEG NH <sub>2</sub> , DSPE PEG COOH, DSPE PEG Biotin, DSPE PEG FITC, DSPE PEG Azide