



DSPE-PEG-MAL

Catalog: Lipo-510

PRODUCT INFORMATION

Name	DSPE-PEG-MAL
Cat No.	Lipo-510
Product Overview	DSPE-PEG-maleimide (DSPE-PEG-MAL) is a linear heterobifunctional PEGylation reagent with a DSPE phospholipid and a maleimide. It is a useful self-assembling reagent to prepare PEGylated liposome or micelle while also providing a thiol or cysteine reactive maleimide group. It is often used in targeted drug delivery with the lipid bilayer to improve drug solubility, the PEG to provide stealth property, extend circulation half-life and reduce non-specific protein binding or cell adhesion, and the reactive maleimide to bioconjugate targeting molecules including antibody, aptamer, protein, and peptide.
Purity	>95%
Application	Liposome production; Synthetic lipid
Storage	Store at -20 °C
Synonyms	DSPE-PEG-Maleimide; 1,2-distearoyl-sn-glycero-3-phosphoethanolamine-N-[maleimide(polyethylene glycol)]