



DSPE-PEG-SH

Catalog: Lipo-520

PRODUCT INFORMATION

Name	DSPE-PEG-SH
Cat No.	Lipo-520
Product Overview	<p>DSPE-PEG-SH is a linear heterobifunctional PEGylation reagent with a DSPE phospholipid and a thiol group. It is a useful self-assembling reagent to prepare PEGylated liposome or micelle while also providing a thiol group for conjugation with thiol-containing molecules. 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 acid group to bioconjugate targeting molecules including antibody, aptamer, protein, and peptide.</p>
Purity	>95%
Application	Liposome production; Synthetic lipid
Synonyms	1,2-distearoyl-sn-glycero-3-phosphoethanolamine-N-(polyethylene glycol)-thiol