



DSPE-PEG-SH

Catalog: Lipo-520

PRODUCT INFORMATION

Name DSPE-PEG-SH

Cat No. Lipo-520

Product Overview

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.

Purity >95%

Application Liposome production; Synthetic lipid

Synonyms 1,2-distearoyl-sn-glycero-3-phosphoethanolamine-N-(polyethylene glycol)-thiol
