



DSPE-PEG-Cy3

Catalog: Lipo-518

PRODUCT INFORMATION

Name	DSPE-PEG-Cy3
Cat No.	Lipo-518
Product Overview	1,2-Distearoyl-sn-Glycero-3-Phosphoethanolamine (DSPE)-polyethylene glycol with conjugated cyanine 3 (DSPE-PEG-Cy3) is an amphiphilic polymer. 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 and peptides.
Purity	>95%
Application	Liposome production; Synthetic lipid
Synonyms	1,2-distearoyl-sn-glycero-3-phosphoethanolamine-N-[(polyethylene glycol)]-Cyanine 3