



DOPC/CHOL/mPEG-DSPE Liposomes, Texas Red DH PE labeled

Catalog: DOPC-037L

PRODUCT INFORMATION

Name	DOPC/CHOL/mPEG-DSPE Liposomes, Texas Red DHPE labeled
Cat No.	DOPC-037L
Product Overview	The liposomes are prepared by the extrusion method to about 100nm with tight particle size distribution. The product is sterile filtered and filled in sterile vials guaranteed to be stable for 6 months when stored in refrigerat or. The phospholipid, Texas Red 1,2-dihexadecanoyl-sn-glycero-3-phosphoethanolamine, triethylammonium salt (Texas Red DHPE) is labeled on the head group with the bright, red-fluorescent Texas Red® dye (excitation/emission maxima ~595/615 nm). Lipid composition: DOPC/CHOL/mPEG2000-DSPE/TR-DHPE (49:45:5:1 mol/mol) Mean particle size: 100 nm (85-110 nm)
Lipid Composition	DOPC; CHOL; mPEG2000-DSPE; TR-DHPE
Application	Liposome production; Synthetic lipid
Storage Buffer	Hydration buffer: 10% sucrose, 20mM HEPES, pH 7.3 ± 0.2 .
Concentration	Lipid concentration: 50 mM (50-55 mM) Texas Red DHPE: 0.5mM (0.54 mg/mL)
Stability	6 Month for unopened vials.
Storage	Store at 2-8 centigrade, protect from light.
Synonyms	DOPC; 1,2-dioleoyl-sn-glycero-3-phosphocholine; CHOL; cholesterol