



DOPC/CHOL/mPEG-DSPE Liposomes, TRITC-DHPE labeled

Catalog: DOPC-038L

PRODUCT INFORMATION

Name	DOPC/CHOL/mPEG-DSPE Liposomes, TRITC-DHPE labeled
Cat No.	DOPC-038L
Product Overview	<p>The liposomes are prepared by the extrusion method to 100nm with very tight particle size distribution. The product is sterile filtered and filled in sterile vials guaranteed to be stable for 6 months stored refrigerated. The phospholipid, N-(6-tetramethylrhodaminethiocarbamoyl)-1,2-dihexadecanoyl-sn-glycero-3-phosphoethanolamine, triethylammonium salt (TRITC DHPE) is labeled on the head group with the bright, red-orange fluorescent tetramethylrhodamine dye (excitation/emission maxima ~555/580 nm).</p> <p>Lipid composition: DOPC/CHOL/mPEG2000-DSPE/TC-DHPE (49:45:5:1 mol/mol)</p> <p>Ex/Em: 540/560nm</p> <p>Mean particle size: 100 nm (80-110 nm)</p>
Lipid Composition	DOPC; CHOL; mPEG2000-DSPE; TC-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) TRITC - DHPE: 0.5 mM (0.62 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