



DOPC/CHOL/mPEG-DSPE Liposomes, Marina Blue-DHPE labeled

Catalog: DOPC-034L

PRODUCT INFORMATION

Name	DOPC/CHOL/mPEG-DSPE Liposomes, Marina Blue-DHPE labeled
Cat No.	DOPC-034L
Product Overview	High quality LUV liposomes labeled with Marina Blue DHPE (MB- DHPE) are ready to use. The liposomes are e prepared by the extrusion method to 100nm with very tight particle size distribution. The product is sterile fil tered and filled in sterile vials guaranteed to be stable for 6 months stored refrigerated. The phospholipid, Marina Blue DHPE is labeled on the head group with the blue-fluorescent Marina Blue fluorophore with excitation/emission maxima ~365/460 nm. Lipid composition: DOPC/CHOL/mPEG2000-DSPE/MB-DHPE (49:45:5:1 mol/mol) Mean particle size: 100 nm (80-110 nm)
Lipid Composition	DOPC; CHOL; mPEG2000-DSPE; MB-DHPE
Application	Liposome production; Synthetic lipid
Storage Buffer	Hydration buffer: 10% sucrose, 20mM HEPES, pH 7.3 \pm 0.2
Concentration	Lipid concentration: 50 mM (50-55 mM) Marina Blue - DHPE: 0.5 mM (0.50 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