



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	<p>High quality LUV liposomes labeled with Marina Blue DHPE (MB- DHPE) are ready to use. 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, Marina Blue DHPE is labeled on the head group with the blue-fluorescent Marina Blue fluorophore with excitation/emission maxima ~365/460 nm.</p> <p>Lipid composition: DOPC/CHOL/mPEG2000-DSPE/MB-DHPE (49:45:5:1 mol/mol)</p> <p>Mean particle size: 100 nm (80-110 nm)</p>
Lipid Composition	DOPC; CHOL; mPEG2000-DSPE; MB-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) 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