



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

**Catalog: DOPC-034L**

## PRODUCT INFORMATION

---

<b>Name</b>	DOPC/CHOL/mPEG-DSPE Liposomes, Marina Blue-DHPE labeled
<b>Cat No.</b>	DOPC-034L
<b>Product Overview</b>	<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>
<b>Lipid Composition</b>	DOPC; CHOL; mPEG2000-DSPE; MB-DHPE
<b>Application</b>	Liposome production; Synthetic lipid
<b>Storage Buffer</b>	Hydration buffer: 10% sucrose, 20mM HEPES, pH 7.3 ± 0.2
<b>Concentration</b>	Lipid concentration: 50 mM (50-55 mM) Marina Blue - DHPE: 0.5 mM (0.50 mg/mL)
<b>Stability</b>	6 Month for unopened vials.
<b>Storage</b>	Store at 2-8 centigrade, protect from light.
<b>Synonyms</b>	DOPC; 1,2-dioleoyl-sn-glycero-3-phosphocholine; CHOL; cholesterol