



# DOPC/CHOL/mPEG-DSPE Liposomes, Dansyl DOPE labeled

**Catalog: DOPC-033L**

## PRODUCT INFORMATION

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<b>Name</b>	DOPC/CHOL/mPEG-DSPE Liposomes, Dansyl DOPE labeled
<b>Cat No.</b>	DOPC-033L
<b>Product Overview</b>	<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 analog incorporating the environment-sensitive dans fluorophore, dansyl DOPE is a useful probe of lipid-water interfaces with excitation/emission maxima ~ 336/517 nm.</p> <p>Lipid composition: DOPC/CHOL/mPEG-DSPE/Dansyl - DOPE (49:45:5:1 mol/mol)</p> <p>Mean particle size: 100 nm (80-110 nm)</p>
<b>Lipid Composition</b>	DOPC; CHOL; mPEG-DSPE; Dansyl-DOPE
<b>Application</b>	Liposome production; Synthetic lipid
<b>Storage Buffer</b>	Hydration buffer: 10% sucrose, 20mM HEPES, pH 7.5 ± 0.2
<b>Concentration</b>	Lipid concentration: 50 mM (50-55 mM) Dansyl DOPE: 0.5 mM (0.50 mg/mL)
<b>Stability</b>	6 Month for unopened vials.
<b>Storage</b>	Store at 2-8 centigrade.
<b>Synonyms</b>	DOPC; 1,2-dioleoyl-sn-glycero-3-phosphocholine; CHOL; cholesterol