



# DOPC/CHOL/mPEG-DSPE Liposomes, NBD-PE labeled

**Catalog: DOPC-035L**

## PRODUCT INFORMATION

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<b>Name</b>	DOPC/CHOL/mPEG-DSPE Liposomes, NBD-PE labeled
<b>Cat No.</b>	DOPC-035L
<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, NBD-PE is labeled on the head group with the environment sensitive fluorophore, NBD (excitation/emission maxima ~463/536 nm).</p> <p>Lipid composition: DOPC/CHOL/mPEG2000-DSPE/NBD-PE (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; NBD-PE
<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) NBD -PE: 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