



# DOPC/CHOL Liposomes (100nm), TRITC-DHPE labeled

Catalog: DOPC-023L

## PRODUCT INFORMATION

<b>Name</b>	DOPC/CHOL Liposomes (100nm), TRITC-DHPE labeled
<b>Cat No.</b>	DOPC-023L
<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 when stored in refrigerator. The phospholipid, N-(6-tetramethylrhodaminethiocarbonyl)-1,2-dihexadecanoyl-sn-glycero-3-phosphoethanolamine, triethylammonium salt (TRITC DHPE) is labeled on the head group with the bright, red-orange fluorescent tetramethylrhodamine dye (excitation/emission maxima ~555/580 nm).</p> <p>Lipid composition: DOPC/CHOL/TC-DHPE (54:45:1 mol/mol)</p> <p>Mean particle size: 100 nm (90-120 nm)</p> <p>Ex/Em: 540/560nm</p>
<b>Lipid Composition</b>	DOPC; CHOL; TC-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) TRITC - DHPE: 0.5 mM (0.62 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