



DOPC/CHOL/mPEG-DSPE Liposomes, Fluorescein DHPE labeled

Catalog: DOPC-012L

PRODUCT INFORMATION

Name	DOPC/CHOL/mPEG-DSPE Liposomes, Fluorescein DHPE labeled
Cat No.	DOPC-012L
Product Overview	<p>The liposomes are prepared by the extrusion method to about 100nm with 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, fluorescein DHPE is labeled on the head group with the green-fluorescent pH-sensitive fluorophore, fluorescein (excitation/emission maxima ~496/519 nm).</p> <p>Lipid composition: DOPC/CHOL/mPEG2000-DSPE/FITC-DHPE (49:45:5:1 mol/mol)</p> <p>Mean particle size: 100 nm (80-110 nm)</p>
Lipid Composition	DOPC; CHOL; mPEG2000-DSPE; FITC-DHPE
Application	Liposome production; Synthetic lipid
Storage Buffer	Hydration buffer: 10% sucrose, 20mM HEPES, pH 7.5 ± 0.2
Concentration	Lipid concentration: 50 mM (50-55 mM) Fluorescein DHPE: 0.5mM (0.59 mg/mL)
Stability	6 Month for unopened vials, protect from light.
Storage	Store at 2-8 centigrade.
Synonyms	DOPC; 1,2-dioleoyl-sn-glycero-3-phosphocholine; CHOL; cholesterol