



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

Catalog: DOPC-012L

PRODUCT INFORMATION

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| 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 | <p>Lipid concentration: 50 mM (50-55 mM)</p> <p>Fluorescein DHPE: 0.5mM (0.59 mg/mL)</p> |
| 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 |