



DOPC/CHOL Liposomes (200nm), Fluorescein DHPE labeled

Catalog: DOPC-025L

PRODUCT INFORMATION

Name	DOPC/CHOL Liposomes (200nm), Fluorescein DHPE labeled
Cat No.	DOPC-025L
Product Overview	<p>The liposomes are prepared by the extrusion technology to 200-250nm nm with tight particle size distribution. The product is semisterile filtered through 0.45um filters and filled in autoclaved vials guaranteed to be stable for 3 months 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/Fluorescein-DHPE (54:45:1 mol/mol)</p> <p>Mean particle size: 230 nm (200-250 nm, intensity weighted lognormal per DSL)</p> <p>Particle size distribution: 80-100nm (half-width)</p>
Lipid Composition	DOPC; CHOL; 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: 0.5 mM (0.59 mg/mL)</p>
Stability	6 Month for unopened vials.
Storage	Store at 2-8 centigrade, protect from light.
Synonyms	DOPC; 1,2-dioleoyl-sn-glycero-3-phosphocholine; CHOL; cholesterol