



DOPC/CHOL Liposomes (300nm), Fluorescein DHPE labeled

Catalog: DOPC-029L

PRODUCT INFORMATION

Name	DOPC/CHOL Liposomes (300nm), Fluorescein DHPE labeled
Cat No.	DOPC-029L
Product Overview	<p>The liposomes are prepared by the extrusion method to 300nm 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/F-DHPE (54:45:1 mol/mol)</p> <p>Mean particle size: 280 nm (250-320 nm)</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	Lipid concentration: 50 mM (50-55 mM) Fluorescein DHPE: 0.5 mM (0.59 mg/mL)
Stability	3 Month for unopened vials.
Storage	Store at 2-8 centigrade.
Synonyms	DOPC; 1,2-dioleoyl-sn-glycero-3-phosphocholine; CHOL; cholesterol