



DOPC/CHOL/mPEG2000-DSPE Liposomes, Rhodamine DHPE labeled

Catalog: DOPC-039L

PRODUCT INFORMATION

Name	DOPC/CHOL/mPEG2000-DSPE Liposomes, Rhodamine DHPE labeled
Cat No.	DOPC-039L
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. Rh-DHPE is a phospholipid labeled on the head group with the red-fluorescent rhodamine B fluorophore with excitation/emission maxima ~560/580 nm.</p> <p>Lipid composition: DOPC/CHOL/mPEG2000-DSPE/Rh-DHPE (49:45:5:1 mol/mol)</p> <p>Mean particle size: 100 nm (85-110 nm)</p>
Lipid Composition	DOPC; CHOL; mPEG2000-DSPE; Rh-DHPE
Application	Liposome production; Synthetic lipid
Storage Buffer	Hydration buffer: 10% sucrose, 20mM HEPES, pH 7.3 ± 0.2
Concentration	Lipid concentration: 50 mM (50-55 mM) Rhodamine -DHPE: 0.5 mM (0.67mg/mL)
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