



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

Catalog: DOPC-026L

PRODUCT INFORMATION

Name	DOPC/CHOL Liposomes (200nm), Rhodamine DHPE labeled
Cat No.	DOPC-026L
Product Overview	<p>The liposomes are prepared by extrusion to 200-250nm with tight particle size distribution. The product is sterile filtered through 0.45um filters and filled in sterile vials guaranteed for 3 months shelf-life properly 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/Rh-DHPE (54:45:1 mol/mol)</p> <p>Mean particle size: 230 nm (200-250 nm, intensity weighted lognormal per DLS)</p> <p>Particle size distribution: 80-100nm (half-width)</p>
Lipid Composition	DOPC; CHOL; Rh-DHPE
Application	Liposome production; Synthetic lipid
Storage Buffer	Hydration buffer: 10% sucrose, 20mM HEPES, pH 7.5 ± 0.2
	Lipid concentration: 50 mM (50-55 mM)
Concentration	Rh-DHPE: 0.5mM (0.67mg/mL)
Stability	3 Month for unopened vials, protect from light.
Storage	Store at 2-8 centigrade.
Synonyms	DOPC; 1,2-dioleoyl-sn-glycero-3-phosphocholine; CHOL; cholesterol