



DOPC/CHOL Liposomes (200nm), Texas Red DHPE labeled

Catalog: DOPC-027L

PRODUCT INFORMATION

Name	DOPC/CHOL Liposomes (200nm), Texas Red DHPE labeled
Cat No.	DOPC-027L
Product Overview	<p>The liposomes are prepared by the extrusion technology to 200-250nm with very tight particle size distribution. The product is sterile filtered through 0.45um and filled in sterile vials guaranteed to be stable for 3 months when stored in refrigerator. The phospholipid, Texas Red 1,2-dihexadecanoyl-sn-glycero-3-phosphoethanolamine, triethylammonium salt (Texas Red DHPE) is labeled on the head group with the bright, red-fluorescent Texas Red dye (excitation/emission maxima ~595/615 nm).</p> <p>Lipid composition: DOPC/CHOL/TR-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; TR-DHPE
Application	Liposome production; Synthetic lipid
Storage Buffer	Hydration buffer: 10% sucrose, 20mM HEPES, pH 7.3 ± 0.2
Concentration	<p>Lipid concentration: 50 mM (50-55 mM)</p> <p>Texas Red DHPE: 0.5 mM (0.54 mg/mL)</p>
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