



DOPC/CHOL Liposomes (100nm), Texas Red DHPE labeled

Catalog: DOPC-022L

PRODUCT INFORMATION

Name DOPC/CHOL Liposomes (100nm), Texas Red DHPE labeled

Cat No. DOPC-022L

Product Overview

The liposomes are prepared by the extrusion method to 100nm with very 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. 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).

Lipid composition: DOPC/CHOL/TR-DHPE (54:45:1 mol/mol)

Mean particle size: 100 nm (90-120 nm)

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 Lipid concentration: 50 mM (50-55 mM)
Texas Red DHPE: 0.5 mM (0.54 mg/mL)

Stability 6 Month for unopened vials.

Storage Store at 2-8 centigrade.

Synonyms DOPC; 1,2-dioleoyl-sn-glycero-3-phosphocholine; CHOL; cholesterol
