



# DOPC/CHOL Liposomes (200nm), Rhodamine DHPE 1 abeled

**Catalog: DOPC-026L**

## PRODUCT INFORMATION

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

**Cat No.** DOPC-026L

### Product Overview

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.

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

Mean particle size: 230 nm (200-250 nm, intensity weighted lognormal per DSL)

Particle size distribution: 80-100nm (half-width)

**Lipid Composition** DOPC; CHOL; Rh-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)

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