

DOPC/CHOL/mPEG2000-DSPE Liposomes Labeled with TRITC - DHPE (100nm)

Code No. : F60203F-TC

Size : 1 ml & 5 ml

Image
Coming
Soon

Product Description

DOPC/CHOL/mPEG2000-DSPE Liposomes Labeled with TRITC - DHPE (100nm)

High quality LUV liposomes labeled with TRITC DHE (TC-DHPE) are ready to use. 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 stored refrigerated.

The phospholipid, N-(6-tetramethylrhodaminethiocarbamoyl)-1,2-dihexadecanoyl-sn-glycero-3-phosphoethanolamine, triethylammonium salt (TRITC DHPE) is labeled on the head group with the bright, red-orange fluorescent tetramethylrhodamine dye (excitation/emission maxima ~555/580 nm).

Specifications

Lipid composition: DOPC/CHOL/mPEG2000-DSPE/TC-DHPE (49:45:5:1 mol/mol)

Mean particle size: 100 nm (80-110 nm)

Lipid concentration: 50 mM (50-55 mM)

TRIC - DHPE: 0.5 mM (0.62 mg/mL)

Hydration buffer: 10% sucrose, 20mM HEPES, pH 7.5 ± 0.2

Storage: in refrigerator (2 - 8 degree C)

Stability: 6 month for unopen vials

DOPC: 1,2-dioleoyl-sn-glycero-3-phosphocholine

CHOL: cholesterol

TRITC-DHPE: N-(6-Tetramethylrhodaminethiocarbamoyl)-1,2-Dihexadecanoyl-sn-Glycero-3-Phosphoethanolamine, Triethylammonium Salt (Invitrogen T-1391)

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