

DOPC/CHOL/mPEG-DSPE Liposomes labeled with Texas Red DHPE (100nm)

Code No. : F60203F-TR

Size : 1 ml & 5 ml

Image
Coming
Soon

Product Description

DOPC/CHOL/mPEG-DSPE Liposomes labeled with Texa Red® 488 DHPE (100nm)

High quality LUV liposomes labeled with Texas Red® DHPE (TR-DHPE) are ready to use. The liposomes are prepared by the extrusion method to about 100nm with tight particle size distribution. The product is sterile filtered 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).

Specifications

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

Mean particle size: 100 nm (85-110 nm)

Lipid concentration: 50 mM (50-55 mM)

Texas Red DHPE: 0.5mM (0.54 mg/mL)

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

Storage: in refrigerator (2 - 8 degree C)

Stability: 3 month for unopen vials

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

CHOL: cholesterol

Texas Red® DHPE: Texas Red® 1,2-dihexadecanoyl-sn-glycero-3-phosphoethanolamine, triethylammonium salt (Invitrogen T-1395MP)

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