

DOPC/CHOL Liposomes labeled with Dil (100nm)

Code No. : F60203F-DI

Size : 1 ml & 5 ml

Product Description

DOPC/CHOL Liposomes labeled with Dil (100nm)

High quality LUV liposomes labeled with Dil 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 when stored in refrigerator.

Specifications

Lipid composition: DOPC/CHOL/mPEG2000-DSPE (50:45:5 mol/mol)

Lipid concentration: 50 mM (50-55 mM)

DiA: 0.5mM (0.47mg/mL)

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

Hydration buffer: 10% sucrose, 20mM HEPES, pH 7.3 ± 0.2

Storage: in refrigerator (2 - 8 degree C)

Shelf-life: 6 months guaranteed for unopened vials

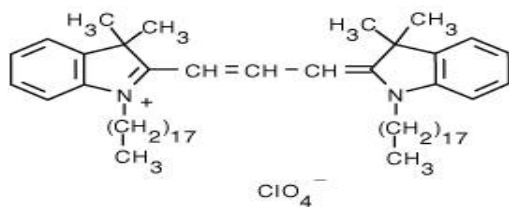
DOPC: 1,2-dioleoyl-sn-glycero-3-phosphocholine

CHOL: cholesterol

'DiD': DiI18(3) is a lipophilic membrane dye. It is weakly fluorescent until incorporated into liposome membranes. This orange-red-fluorescent dye, which is spectrally similar to tetramethylrhodamine, is often used as a long-term tracer for neuronal and other cells.

Ex/Em: 550/570nm

CAS Name/Number: 3H-Indolium, 2-[3-(1,3-dihydro-3,3-dimethyl-1-octadecyl-2H-indol-2-ylidene)-1-propenyl]-3,3-dimethyl 1-octadecyl-, perchlorate/ 41085-99-8



mPEG2000-DSPE: 18:0 PEG2000 PE:1,2-distearoyl-sn-glycero-3-phosphoethanolamine-N-[methoxy (polyethylene glycol)-2000] (ammonium salt)

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