

DOPC/CHOL Liposomes labeled with Fluorescein DHPE (200nm)

Code No. : F60103F2-F

Size : 1 ml & 5 ml

Product Description

DOPC/CHOL Liposomes labeled with Fluorescein DHPE (200nm)

High quality LUV liposomes labeled with fluorescein DHPE are ready to use. The liposomes are prepared by the extrusion technology to 200-250nm nm with tight particle size distribution. The product is semisterile filtered through 0.45um filters and filled in autoclaved vials guaranteed to be stable for 3 months stored in refrigerator. The phospholipid, fluorescein DHPE is labeled on the head group with the green-fluorescent pH-sensitive fluorophore, fluorescein (excitation/emission maxima ~496/519 nm).

Specifications

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

Lipid concentration: 50 mM (50-55 mM)

Rh-DHPE: 0.5 nM (0.59 mg/mL)

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

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

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

Storage: in refrigerator (2 - 8 degree C)

Shelf-life: 3 month for unopened vials, protect from light

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

CHOL: cholesterol

Fluorescein DHPE: N-(fluorescein-5-thiocarbonyl)-1,2-dihexadecanoyl-sn-glycero-3-phosphoethanolamine, triethylammonium salt

제조원 : FormuMax Scientific Inc. (U.S.A)



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