

DOPC/CHOL Liposomes labeled with Fluorescein DHPE (300nm)

Code No. : F60103F3-F

Size : 1 ml & 5 ml

Product Description

DOPC/CHOL Liposomes labeled with Fluorescein DHPE (300nm)

High quality 300nm LUV liposomes labeled with fluorescein DHPE are ready to use. The liposomes are prepared by the extrusion method to 300nm 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: 280 nm (280 nm-320nm)

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-thiocarbamoyl)-1,2-dihexadecanoyl-sn-glycero-3-phosphoethanolamine, triethylammonium salt

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