

DOPC/CHOL Liposomes Labeled with NBD - PE (100nm)

Code No. : F60203F-NBD

Size : 1 ml & 5 ml

Product Description

DOPC/CHOL Liposomes Labeled with NBD - PE (100nm)

High quality LUV liposomes labeled with NBD - PE 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, NBD-PE is labeled on the head group with the environment sensitive fluorophore, NBD (excitation/emission maxima ~463/536 nm). For more information on the dye, see Invitrogen- N-360

Specifications

Lipid composition: DOPC/CHOL/NBD-PE (54:45:1 mol/mol)

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

Lipid concentration: 50 mM (50-55 mM)

NBD -PE: 0.5 mM (0.50 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

NBD - PE: N-(7-Nitrobenz-2-Oxa-1,3-Diazol-4-yl)-1,2-Dihexadecanoyl-sn-Glycero-3-Phosphoethanolamine, Triethylammonium Salt (Invitrogen- N-360)

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