

DOPC/CHOL Liposomes Labeled with dansyl DHPE (100nm)

Code No. : F60103F-D

Size : 1 ml & 5 ml

Image
Coming
Soon

Product Description

DOPC/CHOL Liposomes Labeled with dansyl DHPE (100nm)

High quality LUV liposomes labeled with dansyl DHPE 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 analog incorporating the environment-sensitive dans fluorophore, dansyl DHPE is a useful probe of lipid-water interfaces with excitation/emission maxima ~ 336 / 517 nm.

Specifications

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

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

Lipid concentration: 50 mM (50-55 mM)

Dansyl DHPE: 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

Dansyl DHPE: N-(5-Dimethylaminonaphthalene-1-Sulfonyl)-1,2-Dihexadecanoyl-sn-Glycero-3-Phosphoethanolamine, Triethylammonium Salt (Invitrogen D-57)

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