

DPPC/CHOL/mPEG2000-DSPE (50:45:5 mol/mol) Liposomes with Ammonium Gradient (100nm)

Code No. : F20202A

Size : 10 ml, 20 ml, 100 ml

Image
Coming
Soon

Product Description

DPPC/CHOL/mPEG2000-DSPE (50:45:5 mol/mol) Liposomes with Ammonium Gradient (100nm)

The DPPC/CHOL/mPEG2000-DSPE ammonium liposomes are ready for loading of weakly basic compounds. Although DPPC does not offer the ideal drug retention capacity as DSPC does, because of its relatively lower main phase transition temperature (41 deg C), it is often used for studying drug release as a function of lipid chain length or when a faster drug release is desired.

Specifications

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

Mean particle size: 100 nm (95 - 120 nm)

Lipid concentration: 60 mM (60 - 65 mM)

Hydration buffer (loading battery): 250 mM ammonium sulfate

External solution: 10% sucrose, pH 5.5 -6.0

DPPC: 16:0 PC,1,2-dipalmitoyl-sn-glycero-3-phosphocholine

CHOL: cholesterol