

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

Code No. : F20203A

Size : 10 ml

Image
Coming
Soon

Product Description

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

This product is prepared to the finest quality and shipped to you ready for drug loading. DSPC/CHOL/mPEG-DSPE liposomes with ammonium gradient is the formulator's choice for loading of weakly basic compounds, because it offers significantly improved drug retention and the ease of use in terms of process parameters such as loading temperature (60-70 deg C)

This liposomes can be used as the placebo control for the drug loaded formulation or use the much cheaper plain DSPC liposomes as placebo control (F10203)

Specifications

Product code: F20203A

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

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

Lipid concentration: 60mM (60 - 65 mM)

Hydration buffer (loading battery): 250 mM or 350 mM ammonium sulfate

External solution: 10% sucrose, pH 5.5 -6.0

DSPC: 18:0 PC,1,2-distearoyl-sn-glycero-3-phosphocholine

CHOL: cholesterol

mPEG2000-DSPE: 18:0 PEG2000 PE:1,2-distearoyl-sn-glycero-3-phosphoethanolamine-N-[methoxy(polyethylene glycol)-2000] (ammonium salt)