



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

Catalog: HSPC-061L

PRODUCT INFORMATION

Name	PEGylated HSPC/CHOL/mPEG2000-DSPE (50:45:5 mol/mol) Liposomes with Ammonium Gradient (100nm)
Cat No.	HSPC-061L
Product Overview	HSPC/CHOL/mPEG-DSPE liposomes with ammonium gradient is the formulator's choice in pharmaceutical/biotech industry for both formulation feasibility studies and liposomal product development, because HSPC is essentially equivalent to DSPC (HSPC contains about 85 % DSPC 15% DPPC). The main advantages for using HSPC are its lower cost and availability of GMP quality raw materials. HSPC material used at Creative Biostructure is from one of the world's premier lipid vendors. A drug loading battery of 250 mM ammonium sulfate is typically used, however higher concentrations of ammonium sulfate is also used to achieve increased drug loading capacity and drug retention. Lipid composition: HSPC/CHOL/mPEG2000-DSPE (50:45:5 mol/mol) Mean particle size: 100 nm (95 - 120 nm)
Lipid Composition	HSPC; CHOL; mPEG2000-DSPE
Application	Liposome production; Synthetic lipid
