



DSPC/CHOL (55:45 mol/mol) Liposomes with Ammonium Sulfate Gradient (100nm)

Catalog: DSPC-058L

PRODUCT INFORMATION

Name	DSPC/CHOL (55:45 mol/mol) Liposomes with Ammonium Sulfate Gradient (100nm)
Cat No.	DSPC-058L
Product Overview	<p>This product is prepared to the finest quality and shipped to you ready for drug loading. DSPC/CHO 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). One can use this liposomes as the placebo control for the drug loaded formulation or use the much cheaper plain DSPC liposomes as placebo control.</p> <p>Lipid composition: DSPC/CHOL (55:45 mol/mol)</p> <p>Mean particle size: 100 nm (95 - 120 nm)</p>
Lipid Composition	DSPC; CHOL
Application	Liposome production; Synthetic lipid
Storage Buffer	<p>Hydration buffer (loading battery): 250 mM ammonium sulfate</p> <p>External solution: 10% sucrose, 20mM NaPO₄, pH 6.5 ± 0.2</p>
Concentration	Lipid concentration: 60 mM (60 - 70 mM)
Stability	6 Month for unopened vials.
Storage	Store at 2-8 centigrade.
Synonyms	DSPC; 18:0 PC, 1,2-distearoyl-sn-glycero-3-phosphocholine; CHOL; cholesterol