



Plain DSPC/CHOL liposomes (55:45 mol/mol, 100 nm)

Catalog: CHOL-049L

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

PRODUCT INFORMATION

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Lipid Composition	DSPC; CHOL
Application	Liposome production; Synthetic lipid
Storage Buffer	Internal/External solution: 10% sucrose, 20 mM HEPES, pH 7.0 - 7.5
Concentration	Lipid concentration: 60 mM (60-65 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

USAGE GUIDELINES



General Handling	Avoid excessive mixing or vortexing to prevent aggregation. Long-term storage above -80°C may result in aggregate formation. Thaw on ice before use.
Storage	Short term: +2°C to +8°C (up to 1 week) Long term: -80°C (stable for 12 months)
Stability	Stable for 12 months at -80°C. Avoid repeated freeze-thaw cycles.
Freeze / Thaw	Can be frozen, but limit to ?3 freeze/thaw cycles to maintain particle integrity.

Important: This product is for **research use only**. Not intended for diagnostic or therapeutic applications. Please refer to the Safety Data Sheet (SDS) for complete handling and safety information.