



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

Catalog: CHOL-050L

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

PRODUCT INFORMATION

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Catalog Number	CHOL-050L
Product Overview	This preformed liposome reagent contains NO drug loading battery. It is typically used as a placebo control for the drug loaded liposomes with the same lipid composition. Lipid composition: HSPC/CHOL (55:45 mol/mol) Mean particle size: 100 nm (95 - 120 nm)
Lipid Composition	HSPC; 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	HSPC; hydrogenated phosphatidylcholine (Soy); CHOL; cholesterol

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.