



Plain 20:0 PC/CHOL liposomes (55:45 mol/mol, 100 nm)

Catalog: CHOL-047L

This preformed liposome reagent is prepared in 10% sucrose and 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: 20:0PC/CHOL (55:45 mol/mol)

Mean particle size: 110 nm (100-130 nm)

PRODUCT INFORMATION

Product Name	Plain 20:0 PC/CHOL liposomes (55:45 mol/mol, 100 nm)
Catalog Number	CHOL-047L
Product Overview	This preformed liposome reagent is prepared in 10% sucrose and 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: 20:0PC/CHOL (55:45 mol/mol) Mean particle size: 110 nm (100-130 nm)
Lipid Composition	20:0 PC; 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	20:0 PC; 1,2-diarachidoyl-sn-glycero-3-phosphocholine; 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.