



Cationic Liposomes DC-CHOL/DOPE

Catalog: CHOL-006L

Lipid composition: DC-CHOL/DOPE (30:70 mol/mol)
Mean particle size: 90- 110 nm (by DSL)

PRODUCT INFORMATION

Product Name	Cationic Liposomes DC-CHOL/DOPE
Catalog Number	CHOL-006L
Product Overview	Lipid composition: DC-CHOL/DOPE (30:70 mol/mol)
Mean particle size: 90- 110 nm (by DSL)
Lipid Composition	DC-CHOL; DOPE
Application	Liposome production; Synthetic lipid
Storage Buffer	DEPC water, 10 vol% ethanol, pH 6.0 - 7.0
Concentration	Lipid concentration: 5 mM (3.41 mg/mL)
Synonyms	DC-CHOL; DC-Cholesterol?HCl; 3b-[N-(N',N'-dimethylaminoethane)-caramoyl]chelesterol hydrochloride; DOPE; 1,2-dioleoyl-sn-glycero-3-phosphoethanolamine

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.
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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.