



DMTAP/DOPE Cationic Liposomes

Catalog: DMTAP-008L

Lipid composition: DMTAP/DOPE (50:50 mol/mol)
Mean particle size: 90 - 110 nm (by DSL)

PRODUCT INFORMATION

Product Name	DMTAP/DOPE Cationic Liposomes
Catalog Number	DMTAP-008L
Product Overview	Lipid composition: DMTAP/DOPE (50:50 mol/mol)
Mean particle size: 90 - 110 nm (by DSL)
Lipid Composition	DMTAP; DOPE
Application	Liposome production; Synthetic lipid
Storage Buffer	DEPC water, 10% Ethanol, pH 6.0 - 7.0
Concentration	Lipid concentration: 5 mM (3.5 mg/mL)
Synonyms	DMTAP;1,2-dimyristoyl-3-trimethylammonium-propane (chloride salt); 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.
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.