



1,2-Dipalmitoyl-sn-glycero-O-ethyl-3-phosphocholine, chloride salt (DPePC)

Catalog: Lipo-406

DPePC is a cationic phospholipid that can be used for cell transfection and gene therapy.

PRODUCT INFORMATION

Product Name	1,2-Dipalmitoyl-sn-glycero-O-ethyl-3-phosphocholine, chloride salt (DPePC)
Catalog Number	Lipo-406
CAS	328250-18-6
Product Overview	DPePC is a cationic phospholipid that can be used for cell transfection and gene therapy.
Purity	97%
Application	Liposome production; Synthetic lipid
Molecular Mass	798.51
Storage	Store at -20°C or below.
Synonyms	328250-18-6

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.