



1,2-Di-O-Hexadecyl-sn-Glycero-3-Phosphatidylethanolamine

Catalog: Lipo-445

PRODUCT INFORMATION

Product Name	1,2-Di-O-Hexadecyl-sn-Glycero-3-Phosphatidylethanolamine
Catalog Number	Lipo-445
CAS	61423-61-8
Purity	>98%
Application	Liposome production; Synthetic lipid
Molecular Mass	663.99
Synonyms	16-O-PE; 1,2-di-O-hexadecyl-sn-glycero-3-phosphatidylethanolamine; 61423-61-8

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.