



1-Linoleoyl-2-hydroxy-sn-glycero-3-phosphocholine(18:2-lysoPC)

Catalog: Lipo-412

LysoPC is generated through hydrolysis of the sn-2 acyl chain of PC by phospholipase A2. It is a major component of oxidized low-density lipoprotein and is believed to have an important role in inflammatory diseases and atherosclerosis. LysoPC is the substrate for Autotaxin/LysoPLD generating lysophosphatidic acid which has an important role in cell motility.

PRODUCT INFORMATION

Product Name	1-Linoleoyl-2-hydroxy-sn-glycero-3-phosphocholine (18:2-lysoPC)
Catalog Number	Lipo-412
CAS	22252-07-9
Product Overview	LysoPC is generated through hydrolysis of the sn-2 acyl chain of PC by phospholipase A2. It is a major component of oxidized low-density lipoprotein and is believed to have an important role in inflammatory diseases and atherosclerosis. LysoPC is the substrate for Autotaxin/LysoPLD generating lysophosphatidic acid which has an important role in cell motility.
Application	Liposome production; Synthetic lipid
Molecular Mass	519.65
Storage	Store at -20°C or below.
Synonyms	22252-07-9

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.