

1,2-Dioleoyl-sn-Glycero-3-PhosphatidylglycerolNa salt (DOPG)

Catalog: Lipo-466

1,2-Dioleoyl-sn-glycero-3-PG is a phospholipid containing the long-chain (18:1) fatty acid oleic acid (Item No. 90260) inserted at the sn-1 and sn-2 positions. It can be used in the generation of micelles, liposomes, and other artificial membranes.

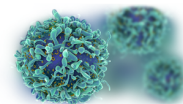
PRODUCT INFORMATION

Product Name	1,2-Dioleoyl-sn-Glycero-3-Phosphatidylglycerol Na salt (DOPG)
Catalog Number	Lipo-466
CAS	67254-28-8
Product Overview	1,2-Dioleoyl-sn-glycero-3-PG is a phospholipid containing the long-chain (18:1) fatty acid oleic acid (Item No. 90260) inserted at the sn-1 and sn-2 positions. It can be used in the generation of micelles, liposomes, and other artificial membranes.
Purity	>98%
Application	Liposome production; Synthetic lipid
Molecular Mass	797.03
Synonyms	18:1 PG; DOPG; Sodium 1,2-dioleoyl-sn-glycero-3-PG; 1,2-di-(9Z-octadecenoyl)-sn-glycero-3-phospho-(1'-rac-glycerol) (sodium salt); 67254-28-8

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.