

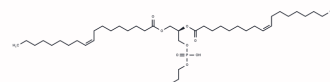
DOPE

Cat. No.: SN-M-LM080

Chemical Properties

Product Name	DOPE
Full Name	[(2R)-3-[2-aminoethoxy(hydroxy)phosphoryl]oxy-2-[(Z)-octadec-9-enoyl]oxypropyl] (Z)-octadec-9-enoate
Cat. No.	SN-M-LM080
CAS No.	4004-05-1
Molecular Formula	C41H78NO8P
Molecular Weight	744.03
Appearance	Solid
Storage	Store at low temperature
Shipping	Shipping with blue ice/Shipping at ambient temperature.
Solubility	Ethanol: 10 mg/mL (13.44 mM), Sonication and heating are recommended. DMSO: < 1 mg/mL (insoluble or slightly soluble), Sonication is recommended.
Purity	98+%

Structure



Biological Description

DOPE (DOPE) is a neutral helper lipid for cationic liposomes. It is used in combination with cationic phospholipids to increase efficiency during DNA transfection studies as a non-viral method of gene delivery.

Related Products / Keywords

- transfection
- siRNA
- phospholipid
- liposome
- knock-down
- Inhibitor
- inhibit
- emulsifier

This product is a research reagent and must not be used for clinical validation or human therapeutic use.