

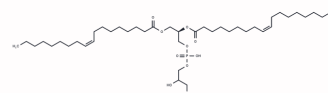
Dioleoylphosphatidylglycerol

Cat. No.: SN-M-LM230

Chemical Properties

Product Name	Dioleoylphosphatidylglycerol
Full Name	[3-[2,3-dihydroxypropoxy(hydroxy)phosphoryl]oxy-2-[(Z)-octadec-9-enoyl]oxypropyl] (E)-octadec-9-enoate
Cat. No.	SN-M-LM230
CAS No.	62700-69-0
Molecular Formula	C42H79O10P
Molecular Weight	775.04
Storage	Powder: -20°C for 3 years In solvent: -80°C for 1 year
Shipping	Shipping with blue ice/Shipping at ambient temperature.
Purity	98+%

Structure



Biological Description

Dioleoylphosphatidylglycerol (DOPG), a naturally occurring phospholipid, is synthesized through the action of aquaporin 3 (AQP3) and phospholipase D2 (PLD2). It functions to suppress the production of inflammatory mediators by macrophages triggered by the activation of toll-like receptor 2 (TLR2) by heat shock protein B4 (HSPB4) [1].

Related Products / Keywords

- Dioleoylphosphatidylglycerol

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