

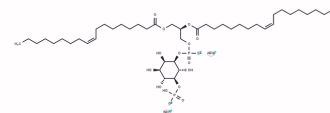
1,2-Dioleoyl-sn-glycero-3-phospho-(1'-myo-inositol-5'-phosphate) ammonium

Cat. No.: SN-M-LM0496

Chemical Properties

Product Name	1,2-Dioleoyl-sn-glycero-3-phospho-(1'-myo-inositol-5'-phosphate) ammonium
Cat. No.	SN-M-LM0496
CAS No.	1246303-10-5
Molecular Formula	C45H90N2O16P2
Molecular Weight	977.15
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

1,2-Dioleoyl-sn-glycero-3-phospho-(1'-myo-inositol-5'-phosphate) ammonium functions as a membrane-associated signaling molecule that plays a role in regulating membrane transport and signal transduction within cells. It is utilized in the preparation of liposomes to enhance compound delivery efficiency. Additionally, this compound acts as a coordinator of the actin cytoskeleton, contributing to the regulation of cell morphology and movement.

Related Products / Keywords

- 1,2-Dioleoyl-sn-glycero-3-phospho-(1'-myo-inositol-5'-phosphate) ammonium

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