

For Research Use Only

1,2-Dipalmitoyl-sn-glycero-3-phosphoethanolamine



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Catalog Number: CM03317

产品信息

Catalog Number:
CM03317

CAS号:
923-61-5

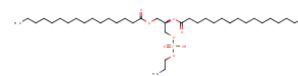
分子式:
C₃₇H₇₄NO₈P

主要靶点:
Endogenous Metabolite|Others

主要通路:
其他|代谢

分子量:
691.97

溶解度:
DMSO:Insoluble,H2O:Insoluble



描述

1,2-Dipalmitoyl-sn-glycero-3-phosphoethanolamine (DPPE), a phospholipid member of the glycerophosphoethanolamine family, is a major component in biological membranes. Studies focused on interactions between DPPE and cholesterol show that cholesterol induces condensation of DPPE monolayers in the presence of Ca²⁺ ions. Membranes containing a higher concentration of this compound contain more ordered lipid tails which result in a thicker membrane.

储存

Powder: -20°C for 3 years | In solvent: -80°C for 2 years

For technical support and original validation data for this product please contact

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