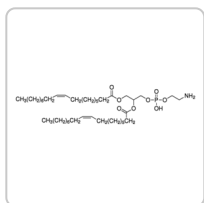


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COO/COA

Fiche des
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P1223 ▶ **Sigma-Aldrich.**

L-α-Phosphatidylethanolamine, dioleoyl

★★★★★ (0)

≥99% (GC), ≥98% (TLC), lyophilized powder

Synonyme(s):

1,2-Dioleoyl-*sn*-glycero-3-phosphoethanolamine, (9*Z*)-9-Octadecenoic acid (1*R*)-1-[[[(2-aminoethoxy)hydroxyphosphinyl]oxy]methyl]-1,2-ethanediyl ester, 1,2-Di(9*Z*-octadecenoyl)-*sn*-glycero-3-phosphoethanolamine, 3-*sn*-Phosphatidylethanolamine, 1,2-dideoyl, L-β,γ-Dioleoyl-α-cephalin, DOPE, Dioleoyl phosphatidylethanolamine, PE(18:1(9*Z*)/18:1(9*Z*))

Empirical Formula (Hill Notation):

C₄₁H₇₈NO₈P

Numéro CAS: **4004-05-1**

Poids moléculaire: 744.03

Beilstein: 1718431

Numéro MDL: **MFCD00057986**

ID de substance PubChem: **24898174**

NACRES: NA.25

Référence	Conditionnement	Disponibilité	Prix	Quantité
P1223-25MG	25 MG	Only 1 left in stock (more on the way)	Détails... 103,00 €	– + i
P1223-100MG	100 MG	Only 2 left in stock (more on the way)	Détails... 335,00 €	– + i

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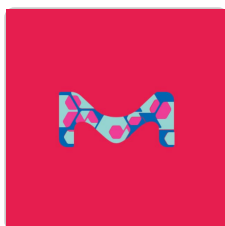
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Demander une commande en gros

Ajouter au panier

PRODUITS RECOMMANDÉS

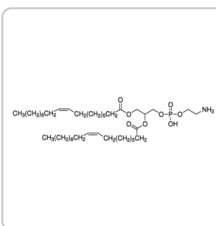


Sigma-Aldrich

P7943

L- α -Phosphatidylethanolamine from egg yolk

Type III, ≥97% (TLC), lyophilized powder

[Consulter le prix et la disponibilité](#)

Sigma-Aldrich

76548

1,2-Dioleoyl-*sn*-glycero-3-phosphoethanolamine

≥97.0% (TLC)

[Consulter le prix et la disponibilité](#)

PROPRIÉTÉS

Source biologique synthetic

Niveau de qualité	200
-------------------	-----

≥98% (TLC)

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Groupe fonctionnel	phospholipid
Expédié(e)s dans	ambient
Temp. de stockage	-20°C
SMILES string	<chem>CCCCCCCC\C=C/CCCCCCCC(=O)OCC(COP(O)(=O)OCCN)OC(=O)CCCCCCCC\C=C/CCCCCCCC</chem>
InChI	1S/C41H78NO8P/c1-3-5-7-9-11-13-15-17-19-21-23-25-27-29-31-33-40(43)47-37-39(38-49-51(45,46)48-36-35-42)50-41(44)34-32-30-28-26-24-22-20-18-16-14-12-10-8-6-4-2/h17-20,39H,3-16,21-38,42H2,1-2H3,(H,45,46)/b19-17-,20-18-
InChI key	MWRBNPKJOOWZPW-CLFAGFIQSA-N

Vous recherchez des produits similaires ? Visitez [Guide de comparaison des produits](#)

Catégories apparentées

[Lipids for Therapeutics and Research](#)

DESCRIPTION**Application**

1,2-Dioleoyl-*sn*-glycero-3-phosphoethanolamine (DOPE) forms heterogenous liposomes with N-[1-(2,3-dioleoyloxy)propyl]-N,N,N-trimethylammonium methylsulfate (DOTAP), which are used as delivery vehicles for therapeutic agents .

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25, 100, 500 mg in poly bottle

Packaged under Argon.

INFORMATIONS SUR LA SÉCURITÉ

Code de la classe de stockage

13 - Non Combustible Solids

WGK

WGK 3

Flash Point(F)

Not applicable

Point d'éclair C

Not applicable

Équipement de protection individuelle

Eyeshields, Gloves, type N95 (US)

DOCUMENTATION

Certificat d'analyse

Saisir un numéro de lot pour rechercher un certificat d'analyse (COA).

Numéro de lot

e.g. 023J5431

Comment saisir un numéro de lot (COA)

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Numéro de lot

e.g. 023J5431

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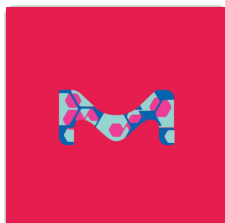
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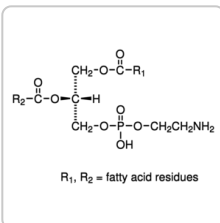
Sigma-Aldrich

P8193

L- α -Phosphatidylethanolamine from *Glycine max* (soybean)

Type IV, $\geq 98\%$ (TLC), lyophilized powder

Consulter le prix et la disponibilité



Sigma-Aldrich

P7693

3-*sn*-Phosphatidylethanolamine from bovine brain

Type I, $\geq 98\%$ (TLC), lyophilized powder

Consulter le prix et la disponibilité

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Proteomic Analysis and Functional Characterization of P4-ATPase Phospholipid Flippases from Murine Tissues.

Jiao Wang et al.

Scientific reports, 8(1), 10795-10795 (2018-07-19)

P4-ATPases are a subfamily of P-type ATPases that flip phospholipids across membranes to generate lipid asymmetry, a property vital to many cellular processes. Mutations in several P4-ATPases have been linked to severe neurodegenerative and metabolic disorders. Most P4-ATPases associate with

Hybrid cell reactor system from Escherichia coli protoplast cells and arrayed lipid bilayer chamber device.

Yoshiki Moriizumi et al.

Scientific reports, 8(1), 11757-11757 (2018-08-08)

We developed a novel hybrid cell reactor system via functional fusion of single Escherichia coli protoplast cells, that are deficient in cell wall and expose plasma membrane, with arrayed lipid bilayer chambers on a device in order to incorporate the

Evolutionary diversification of the HAP2 membrane insertion motifs to drive gamete fusion across eukaryotes.

Juliette Fedry et al.

PLoS biology, 16(8), e2006357-e2006357 (2018-08-14)

HAPLESS2 (HAP2) is a broadly conserved, gamete-expressed transmembrane protein that was shown recently to be structurally homologous to viral class II fusion proteins, which initiate fusion with host cells via insertion of fusion loops into the host membrane. However, the

Cationic Nanoliposomes Meet mRNA: Efficient Delivery of Modified mRNA Using Hemocompatible and Stable Vectors for Therapeutic Applications.

Tatjana Michel et al.

Molecular therapy. Nucleic acids, 8, 459-468 (2017-09-18)

Synthetically modified mRNA is a unique bioactive agent, ideal for use in therapeutic applications, such as cancer vaccination or treatment of single-gene disorders. In order to facilitate mRNA transfections for future therapeutic applications, there is a need for the delivery

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The optimization of nanoparticle size for passing through glomerular filtration membrane, inefficient renal cellular uptake and rapid urinary excretion of nanoparticles are the major obstacles for renal disease treatment via a nanoparticle delivery system. Herein, we propose a concept of

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PRODUITS CONSULTÉS RÉCEMMENT

Sigma-Aldrich

P1222

Potassium acetate

meets USP testing specifications

[Consulter le prix et la disponibilité](#)

Sigma-Aldrich

P1190

Potassium acetate

for molecular biology, ≥99.0%

[Consulter le prix et la disponibilité](#)

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