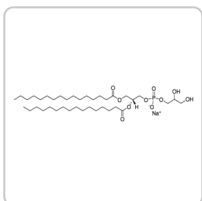


Saisir le nom du produit, le numéro de lot, etc.



Toutes les
photos (2)

Documents

↓ FDS

Q COO/COA

Plus de
documents »

840455P Avanti**16:0 PG**

Avanti Polar Lipids

Synonyme(s):

1,2-dihexadecanoyl-*sn*-glycero-3-phospho-(1'-*rac*glycerol) (sodium salt); DPPG; PG(16:0/16:0)

Empirical Formula (Hill Notation):

C₃₈H₇₄O₁₀PNa

Numéro CAS:

200880-41-7

Poids moléculaire:

744.95

NACRES:

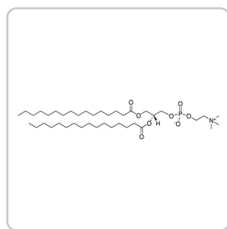
NA.25

Référence	Conditionnement	Disponibilité	Prix	Quantité
840455P-25MG	25 MG	Only 2 left in stock (more on the way) Détails...	97,00 €	− + i
840455P-200MG	200 MG	Only 1 left in stock (more on the way) Détails...	282,00 €	− + i
840455P-500MG	500 MG	Only 5 left in stock (more on the way) Détails...	479,00 €	− + i
840455P-1G	1 G	Only 3 left in stock (more on the way) Détails...	725,00 €	− + i

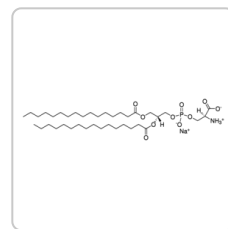
Demander une commande en gros

Ajouter au panier

PRODUITS RECOMMANDÉS



Avanti

850355P**16:0 PC (DPPC)**1,2-dipalmitoyl-*sn*-glycero-3-phosphocholine, powder[Consulter le prix et la disponibilité](#)

Avanti

840037P**16:0 PS**1,2-dipalmitoyl-*sn*-glycero-3-phospho-L-serine (sodium salt), powder[Consulter le prix et la disponibilité](#)

PROPRIÉTÉS

Essai/Dosage >99% (TLC)

Forme powder

Conditionnement
pkg of 1 × 1 g (840455P-1g)
pkg of 1 × 200 mg (840455P-200mg)
pkg of 1 × 25 mg (840455P-25mg)
pkg of 1 × 500 mg (840455P-500mg)

manufacturer/tradename Avanti Polar Lipids

Expédié(e)s dans dry ice

Temp. de stockage

-20°C

Catégories apparentées

[Lipids for Therapeutics and Research](#)

DESCRIPTION

Description générale

Phosphoglyceride (PG) are also referred as glycerophospholipid. It is an important component of membrane bilayers. It has three-carbon backbone of glycerol, two long-chain fatty acids, esterified to hydroxyl groups on carbons 1 and 2 of the glycerol and phosphoric acid esterified to the C₃ hydroxyl group of glycerol. It is found at high levels in the membranes of all cells and at low levels in fat stores.

Application

16:0 PG has been used as a component in internal lipid standard mixture for matrix-assisted laser desorption/ionization (MALDI)-fourier-transform ion cyclotron resonance (FTICR)- mass spectrometry (MS) analysis. It is also suitable to use in liposome flotation assay to study the specificity of protein-lipid interaction.

Actions biochimiques/physiologiques

Phosphoglycerides (PG)/glycerophospholipids play a key role in cell signaling systems. It also serves as an anchor for proteins in cell membranes.

Conditionnement

20 mL Clear Glass Screw Cap Vial (840455P-1g)

20 mL Clear Glass Screw Cap Vial (840455P-500mg)

5 mL Amber Glass Screw Cap Vial (840455P-200mg)

5 mL Amber Glass Screw Cap Vial (840455P-25mg)

PRODUITS APPARENTÉS

Souvent Commandé Avec Ce Produit

C8667

Cholesterol, Sigma Grade, ≥99%

[View Pricing](#)

700000P

Cholesterol (ovine), cholesterol (ovine wool, 98%), powder

[View Pricing](#)

830855P

16:0 PA, 1,2-dipalmitoyl-*sn*-glycero-3-phosphate (sodium salt), powder

[View Pricing](#)

840035C

18:1 PS (DOPS), 1,2-dioleoyl-*sn*-glycero-3-phospho-L-serine (sodium salt), chloroform

[View Pricing](#)

840435P

12:0 PG, 1,2-dilauroyl-*sn*-glycero-3-phospho-(1'-*rac*-glycerol) (sodium salt), powder

[View Pricing](#)**840445P**

14:0 PG, Avanti Polar Lipids

[View Pricing](#)**840457C**

16:0-18:1 PG, 1-palmitoyl-2-oleoyl-*sn*-glycero-3-phospho-(1'-*rac*-glycerol) (sodium salt), chloroform

[View Pricing](#)**840457P**

16:0-18:1 PG, 1-palmitoyl-2-oleoyl-*sn*-glycero-3-phospho-(1'-*rac*-glycerol) (sodium salt), powder

[View Pricing](#)**840465P**

18:0 PG, 1,2-distearoyl-*sn*-glycero-3-phospho-(1'-*rac*-glycerol) (sodium salt), powder

[View Pricing](#)**840475P**

18:1 (Δ^9 -Cis) PG, 1,2-dioleoyl-*sn*-glycero-3-phospho-(1'-*rac*-glycerol) (sodium salt), powder

[View Pricing](#)

850150P

18:1 PI(3)P, 1,2-dioleoyl-*sn*-glycero-3-phospho-(1'-myo-inositol-3'-phosphate) (ammonium salt), powder

[View Pricing](#)**850345P**

14:0 PC (DMPC), 1,2-dimyristoyl-*sn*-glycero-3-phosphocholine, powder

[View Pricing](#)**850355C**

16:0 PC (DPPC), 1,2-dipalmitoyl-*sn*-glycero-3-phosphocholine, chloroform

[View Pricing](#)**850355P**

16:0 PC (DPPC), 1,2-dipalmitoyl-*sn*-glycero-3-phosphocholine, powder

[View Pricing](#)**850365P**

18:0 PC (DSPC), 1,2-distearoyl-*sn*-glycero-3-phosphocholine, powder

[View Pricing](#)**850375C**

18:1 (Δ^9 -Cis) PC (DOPC), 1,2-dioleoyl-*sn*-glycero-3-phosphocholine, chloroform

[View Pricing](#)

850375P

18:1 (Δ^9 -Cis) PC (DOPC), 1,2-dioleoyl-*sn*-glycero-3-phosphocholine, powder

[View Pricing](#)**850457C**

16:0-18:1 PC, 1-palmitoyl-2-oleoyl-*sn*-glycero-3-phosphocholine, chloroform

[View Pricing](#)**850457P**

16:0-18:1 PC, 1-palmitoyl-2-oleoyl-*sn*-glycero-3-phosphocholine, powder

[View Pricing](#)**850705P**

16:0 PE, 1,2-dipalmitoyl-*sn*-glycero-3-phosphoethanolamine, powder

[View Pricing](#)**850725C**

18:1 (Δ^9 -Cis) PE (DOPE), 1,2-dioleoyl-*sn*-glycero-3-phosphoethanolamine, chloroform solution

[View Pricing](#)**710333P**

16:0 Cardiolipin, Avanti Polar Lipids 710333P, powder

[View Pricing](#)

840051PEgg PC, L- α -phosphatidylcholine (Egg, Chicken), powder[View Pricing](#)**860065P**

Ganglioside GM1 (Ovine Brain), GM1 Ganglioside (Brain, Ovine-Sodium Salt), powder

[View Pricing](#)**880120P**

18:0 PEG2000 PE, Avanti Polar Lipids 880120P, powder

[View Pricing](#)**610000**

Extruder Set with Holder/Heating Block

[View Pricing](#)

INFORMATIONS SUR LA SÉCURITÉ

**Code de la classe de
stockage**

11 - Combustible Solids

WGK

WGK 3

Flash Point(F)

Not applicable

Point d'éclair C

Not applicable

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)

Rechercher

Certificat d'origine

Saisir un numéro de lot pour rechercher un certificat d'origine (COO).

Numéro de lot

e.g. 023J5431

Comment saisir un numéro de lot (COO)

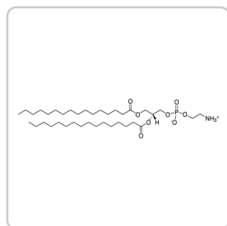
Rechercher

Plus De Documents

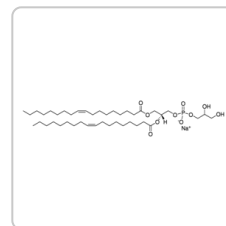
[Structure Search](#)

[FDS](#)

LES CLIENTS ONT ÉGALEMENT CONSULTÉ



Avanti

850705P**16:0 PE**1,2-dipalmitoyl-*sn*-glycero-3-phosphoethanolamine,
powder[Consulter le prix et la disponibilité](#)

Avanti

840475P**18:1 (Δ9-Cis) PG**1,2-dioleoyl-*sn*-glycero-3-phospho-(1'-*rac*-glycerol)
(sodium salt), powder[Consulter le prix et la disponibilité](#)

ARTICLES REVUS PAR DES PAIRS

Adsorption and Conformation of Bovine Serum Albumin with Blue-Emitting Gold Nanoclusters at the Air/Water and Lipid/Water Interfaces.

Ridwan P Putra et al.*Langmuir : the ACS journal of surfaces and colloids*, 35(50), 16576-16582 (2019-11-26)

Protein-encapsulated nanoclusters (NCs) are emerging as a versatile platform for in-vivo imaging and other biomedical applications due to their ultrasmall size and excitation in the near-infrared region. Encapsulation may however affect protein structure, size, charge, and its interaction with lipid

Membrane Structure and Dynamics

Cell Biology, 227-239 (2017)

Lipids

Medical Biochemistry, 99-119 (2017)

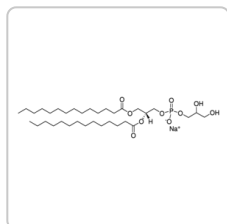
Assay to Measure Interactions between Purified Drp1 and Synthetic Liposomes

Adachi Y, et al.*Bio-protocol*, 7(9) (2017)

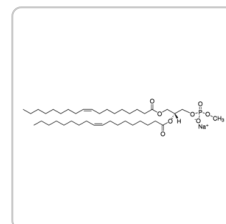
Changes in lipid distribution in *E. coli* strains in response to norfloxacin

Schenk ER, et al.*Journal of Mass Spectrometry: Jms*, 50(1), 88-94 (2015)[Afficher tous les articles scientifiques apparentés](#)

PRODUITS CONSULTÉS RÉCEMMENT



Avanti

840445P**14:0 PG**1,2-dimyristoyl-*sn*-glycero-3-phospho-(1'-*rac*-glycerol)
(sodium salt), powder[Consulter le prix et la disponibilité](#)

Avanti

840420P**18:1 Phosphatidylmethanol**1,2-dioleoyl-*sn*-glycero-3-phosphomethanol (sodium
salt), powder[Consulter le prix et la disponibilité](#)

SERVICE TECHNIQUE

Notre équipe de scientifiques dispose d'une expérience dans tous les secteurs de la recherche, notamment en sciences de la vie, science des matériaux, synthèse chimique, chromatographie, analyse et dans de nombreux autres domaines..

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