



>>Variant: Glycerol 1-hexadecanoate 2-(9,12,15-octadecatrienoate) 3-phosphocholine

Synonym(s): Palmitoyllinolenoylphosphatidylcholine

CAS Registry Number: 17118-61-5

Extra CAS Registry Numbers(s): 35418-56-5 128114-93-2

Molecular Formula: C₄₂H₇₈NO₈P

Molecular Weight: 756.054

Accurate Mass: 755.546506

Percentage Composition: C 66.72%; H 10.40%; N 1.85%; O 16.93%; P 4.10%

Physical Description: No phys. props. reported

Other Data: The linolenoyl synonym refers to the biol. significant (*all-Z*)-isomer

>>Variant: Glycerol 1-hexadecanoate 2-(6-octadecenoate) 3-phosphocholine

Synonym(s): 1-Hexadecanoyl-2-(6-octadecenoyl)glycero-3-phosphocholine. Palmitoylpetroselinoylphosphatidylcholine

Extra CAS Registry Numbers(s): 89187-00-8 89187-01-9

Molecular Formula: C₄₂H₈₂NO₈P

Molecular Weight: 760.085

Accurate Mass: 759.577806

Percentage Composition: C 66.37%; H 10.87%; N 1.84%; O 16.84%; P 4.08%

Physical Description: Cryst. (Me₂CO/CHCl₃)

>>Variant: Glycerol 1-hexadecanoate 2-(9-octadecenoate) 3-phosphocholine

Synonym(s): 1-Hexadecanoyl-2-octadec-9-enoylglycero-3-phosphocholine. Palmitoyloleoylphosphatidylcholine

CAS Registry Number: 26853-31-6

Extra CAS Registry Numbers(s): 6753-55-5 26662-91-9 67738-47-0

Molecular Formula: C₄₂H₈₂NO₈P

Molecular Weight: 760.085

Accurate Mass: 759.577806

Percentage Composition: C 66.37%; H 10.87%; N 1.84%; O 16.84%; P 4.08%

Biological Source: Major lecithin of a large variety of biol. membranes

Biological Use/Importance: Component of lung surfactant *Pumactant*, BAN

Physical Description: No phys. props. reported

Other Data: The oleoyl synonym refers to the biol. important *Z*-isomer. CAS no. refers to the (*R,Z*)-isomer

>>Variant: Glycerol 1-hexadecanoate 2-(11-octadecenoate) 3-phosphocholine

Synonym(s): Palmitoylvaccenoylphosphatidylcholine

CAS Registry Number: 132295-25-1

Extra CAS Registry Numbers(s): 128163-05-3

Molecular Formula: C₄₂H₈₂NO₈P

Molecular Weight: 760.085

Accurate Mass: 759.577806

Percentage Composition: C 66.37%; H 10.87%; N 1.84%; O 16.84%; P 4.08%

Physical Description: Cryst. (Me₂CO/CHCl₃)

>>Variant: Glycerol 2-hexadecanoate 1-(9-octadecenoate) 3-phosphocholine

Synonym(s): 2-Hexadecanoyl-1-(9-octadecenyl)glycero-3-phosphocholine. Oleoylpalmitoylphosphatidylcholine

CAS Registry Number: 59491-62-2

Extra CAS Registry Numbers(s): 17118-56-8

Molecular Formula: C₄₂H₈₂NO₈P

Molecular Weight: 760.085

Accurate Mass: 759.577806

Percentage Composition: C 66.37%; H 10.87%; N 1.84%; O 16.84%; P 4.08%

Physical Description: No phys. props. reported

Other Data: The oleoyl synonym refers to the biol. important *Z*-isomer. The CAS no. refers to the (*R,Z*)-form