



**>>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:** C<sub>42</sub>H<sub>78</sub>NO<sub>8</sub>P

**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:** C<sub>42</sub>H<sub>82</sub>NO<sub>8</sub>P

**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. (Me<sub>2</sub>CO/CHCl<sub>3</sub>)

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

**Synonym(s):** 1-Hexadecanoyl-2-octadec-9-enoyl-glycero-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:** C<sub>42</sub>H<sub>82</sub>NO<sub>8</sub>P

**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:** C<sub>42</sub>H<sub>82</sub>NO<sub>8</sub>P

**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. (Me<sub>2</sub>CO/CHCl<sub>3</sub>)

**>>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:** C<sub>42</sub>H<sub>82</sub>NO<sub>8</sub>P

**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