



Other Data: Exhibits polymorphism

>>Variant: **Glycerol 1,3-dihexadecanoate 2-(9Z-octadecenoate)**

Synonym(s): α,α' -Dipalmitolein. 2-Oleodipalmitin

CAS Registry Number: 2190-25-2

Extra CAS Registry Numbers(s): 28409-94-1

Molecular Formula: $C_{53}H_{100}O_6$

Molecular Weight: 833.369

Accurate Mass: 832.75199

Percentage Composition: C 76.39%; H 12.09%; O 11.52%

Biological Source: Constit. of cocoa butter and of *Stillingia* spp.

Physical Description: Cryst. (Me_2CO)

Melting Point: Mp 37.2°

Other Data: Exhibits polymorphism

Sigma: D2157

>>Variant: **Glycerol 1,3-dihexadecanoate 2-(9Z,12Z-octadecadienoate)**

Synonym(s): 9,12-Octadecadienoic acid 2-[(1-oxohexadecyl)oxy]-1-[[[(1-oxohexadecyl)oxy]methyl]ethyl ester. α,α' -Dipalmitolinolein

CAS Registry Number: 2442-56-0

Extra CAS Registry Numbers(s): 26836-30-6

Molecular Formula: $C_{53}H_{98}O_6$

Molecular Weight: 831.354

Accurate Mass: 830.73634

Percentage Composition: C 76.57%; H 11.88%; O 11.55%

Biological Source: Minor component of sunflower and other vegetable oils

Physical Description: Cryst.

Melting Point: Mp 25.5-26°

>>Variant: **Glycerol 1,3-dihexadecanoate 2-docosanoate**

Synonym(s): α,α' -Dipalmitobehenin. Glycerol 2-docosanoate 1,3-dihexadecanoate

Molecular Formula: $C_{57}H_{110}O_6$

Molecular Weight: 891.492

Accurate Mass: 890.83024

Percentage Composition: C 76.80%; H 12.44%; O 10.77%

Physical Description: Cryst. (petrol/ Et_2O)

Melting Point: Mp 66.6°

Other Data: Exhibits polymorphism

>>Variant: **Glycerol 1,3-diocadecanoate 2-hexanoate**

Synonym(s): Octadecanoic acid 2-[(1-oxohexyl)oxy]-1,3-propanediyl ester. α,α' -Distearocaproin. Glycerol 2-hexanoate 1,3-diocadecanoate

CAS Registry Number: 66411-62-9

Molecular Formula: $C_{45}H_{86}O_6$

Molecular Weight: 723.171

Accurate Mass: 722.64244

Percentage Composition: C 74.74%; H 11.99%; O 13.27%

Physical Description: Cryst. ($EtOH/Et_2O$)

Melting Point: Mp 53°

>>Variant: **Glycerol 1,3-diocadecanoate 2-decanoate**

Synonym(s): Octadecanoic acid 2-[(1-oxodecyl)oxy]-1,3-propanediyl ester. α,α' -Distearocaprin. Glycerol 2-decanoate 1,3-diocadecanoate

CAS Registry Number: 56968-93-5

Molecular Formula: $C_{49}H_{94}O_6$

Molecular Weight: 779.278

Accurate Mass: 778.70504

Percentage Composition: C 75.52%; H 12.16%; O 12.32%

Physical Description: Cryst. ($EtOH$)

Melting Point: Mp 57°

Other Data: Exhibits polymorphism