



Accurate Mass: 330.27701

Percentage Composition: C 69.05%; H 11.59%; O 19.36%

Source/Synthesis: Minor component of olive oil and other vegetable oils

Physical Description: Cryst. (petrol)

Melting Point: Mp 69°

Sigma: M8385

>>Variant: **Glycerol 2-octadecanoate**

Synonym(s): 2-Hydroxy-1-(hydroxymethyl)ethyl octadecanoate. 2-*O*-Octadecanoylglycerol. Glycerol 2-stearate. β-Monostearin

CAS Registry Number: 621-61-4

Extra CAS Registry Numbers(s): 1319-95-5 11099-07-3 31566-31-1

Molecular Formula: C₂₁H₄₂O₄

Molecular Weight: 358.56

Accurate Mass: 358.30831

Percentage Composition: C 70.35%; H 11.81%; O 17.85%

Physical Description: Cryst. (petrol)

Melting Point: Mp 74°

>>Variant: **Glycerol 2-(9*E*-octadecenoate)**

Synonym(s): 2-*O*-(9*E*-Octadecenoyl)glycerol. β-Monoelaidin

Molecular Formula: C₂₁H₄₀O₄

Molecular Weight: 356.545

Accurate Mass: 356.29266

Percentage Composition: C 70.74%; H 11.31%; O 17.95%

Melting Point: Mp 53.7°

>>Variant: **Glycerol 2-(9*Z*-octadecenoate)**

Synonym(s): 2-*O*-(9*Z*-Octadecenoyl)glycerol. β-Monoolein

CAS Registry Number: 3443-84-3

Molecular Formula: C₂₁H₄₀O₄

Molecular Weight: 356.545

Accurate Mass: 356.29266

Percentage Composition: C 70.74%; H 11.31%; O 17.95%

Use/Importance: Insect attractant

Melting Point: Mp 26°

Sigma: M2787

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

Synonym(s): 2-*O*-(9*Z*,12*Z*-octadecadienoyl)glycerol. β-Monolinolein

CAS Registry Number: 3443-82-1

Molecular Formula: C₂₁H₃₈O₄

Molecular Weight: 354.529

Accurate Mass: 354.27701

Percentage Composition: C 71.15%; H 10.80%; O 18.05%

Physical Description: Oil; cryst. (petrol at -35°)

Melting Point: Mp 8.9°

>>Variant: **Glycerol 2-(9*Z*-eicosenoate)**

Synonym(s): 2-(9*Z*-Eicosenoyl)glycerol. 2-*O*-Gadoleoylglycerol

Molecular Formula: C₂₃H₄₄O₄

Molecular Weight: 384.598

Accurate Mass: 384.32396

Percentage Composition: C 71.83%; H 11.53%; O 16.64%