



Biological Source: Found in lavender and sage oils
Use/Importance: Used in perfumery and food flavouring
Boiling Point: Bp 226°. Bp_{0.1} 52-54°
Density: d 0.89
Aldrich: W26450-4

>> **Derivative:** 2-Methylpropanoyl
Synonym(s): Linalyl isobutyrate. FEMA 2640

CAS Registry Number: 78-35-3
Type of Compound Code(s): WE2000 WI5000
Molecular Formula: C₁₄H₂₄O₂
Molecular Weight: 224.342
Accurate Mass: 224.17763
Percentage Composition: C 74.95%; H 10.78%; O 14.26%
Biological Source: Found in lavender and Ceylon cinnamon oils
Use/Importance: Used in perfumery and food flavouring
Boiling Point: Bp 230°. Bp_{0.1} 63-65°
Density: d 0.88

>> **Derivative:** Butanoyl
Synonym(s): Linalyl butyrate. FEMA 2639

CAS Registry Number: 78-36-4
Type of Compound Code(s): WE2000 WI3500
Molecular Formula: C₁₄H₂₄O₂
Molecular Weight: 224.342
Accurate Mass: 224.17763
Percentage Composition: C 74.95%; H 10.78%; O 14.26%
Biological Source: Present in kumquat peel and lavender oils
Use/Importance: Used in perfumery and food flavouring
Boiling Point: Bp 238°. Bp_{0.2} 80-82°
Density: d 0.9
Refractive Index: n_D²⁵ 1.4483
Aldrich: W26390-7

>> **Derivative:** 3-Methylbutanoyl
Synonym(s): Linalyl isovalerate. FEMA 2646

CAS Registry Number: 1118-27-0
Extra CAS Registry Numbers(s): 50649-12-2
Type of Compound Code(s): WI5000 WE2000
Molecular Formula: C₁₅H₂₆O₂
Molecular Weight: 238.369
Accurate Mass: 238.19328
Percentage Composition: C 75.58%; H 10.99%; O 13.42%
Biological Source: Present in sage (*Salvia officinalis*) and *Salvia spinosa*
Use/Importance: Used in perfumery and food flavouring
Aldrich: W26460-1

>> **Derivative:** Hexanoyl
Synonym(s): Linalyl hexanoate. Linalyl caproate

CAS Registry Number: 7779-23-9
Molecular Formula: C₁₆H₂₈O₂
Molecular Weight: 252.396
Accurate Mass: 252.20893
Percentage Composition: C 76.14%; H 11.18%; O 12.68%
Use/Importance: Used in perfumery and food flavouring
Boiling Point: Bp 252°
Density: d 0.9
Other Data: Poorly documented