



Molecular Weight: 158.24
Accurate Mass: 158.13068
Percentage Composition: C 68.31%; H 11.46%; O 20.22%
Use/Importance: Fragrance and flavouring ingredient
Physical Description: Liq. with fruity odour
Boiling Point: Bp₇₄₀ 197-199°
Density: d 0.87
Hazard & Toxicity: Skin irritant

Aldrich: W28090-9

>>**Derivative:** Ac
Synonym(s): Octyl acetate. FEMA 2806

CAS Registry Number: 112-14-1

Molecular Formula: C₁₀H₂₀O₂
Molecular Weight: 172.267
Accurate Mass: 172.14633
Percentage Composition: C 69.72%; H 11.70%; O 18.58%
Biological Source: Major constit. of *Heracleum trachyloma*
Use/Importance: Fragrance and flavour ingredient
Physical Description: Liq.
Boiling Point: Bp 211.5°. Bp₃₀ 112-113°
Hazard & Toxicity: Skin irritant. LD₅₀ (rat, orl) 3000 mg/kg

Aldrich: W28060-7
Rare Chemicals Library: S42906-6
Sigma: O0504
Supelco: S48-2806

>>**Derivative:** Propanoyl
Synonym(s): Octyl propanoate. FEMA 2813

CAS Registry Number: 142-60-9

Molecular Formula: C₁₁H₂₂O₂
Molecular Weight: 186.294
Accurate Mass: 186.16198
Percentage Composition: C 70.92%; H 11.90%; O 17.18%
Biological Source: Isol. from *Pastinaca sativa*
Use/Importance: Used in perfumery and food flavouring
Boiling Point: Bp 226°
Density: d 0.87
Refractive Index: n_D 1.4225

>>**Derivative:** Butanoyl
Synonym(s): Octyl butanoate. FEMA 2807

CAS Registry Number: 110-39-4

Molecular Formula: C₁₂H₂₄O₂
Molecular Weight: 200.32
Accurate Mass: 200.17763
Percentage Composition: C 71.95%; H 12.08%; O 15.97%
Biological Source: Isol. from rhizome of male fern
Use/Importance: Used in perfumery and fruit food flavouring
Boiling Point: Bp 244°
Density: d 0.86

>>**Derivative:** 2-Methylpropanoyl
Synonym(s): Octyl 2-methylpropanoate. FEMA 2808