



Aldrich: 29086-6
Fluka: 94540
Sigma: V0505

>>Derivative: Vinyl ester

CAS Registry Number: 5873-43-8
Molecular Formula: C₇H₁₂O₂
Molecular Weight: 128.171
Accurate Mass: 128.08373
Percentage Composition: C 65.60%; H 9.44%; O 24.97%
Boiling Point: Bp 134°
Density: d²⁰ 0.91
Other: PB V02700

>>Derivative: Propyl ester
Synonym(s): Propyl pentanoate. Propyl valerate

CAS Registry Number: 141-06-0
Molecular Formula: C₈H₁₆O₂
Molecular Weight: 144.213
Accurate Mass: 144.11503
Percentage Composition: C 66.63%; H 11.18%; O 22.19%
Physical Description: Liq.
Boiling Point: Bp 167.4°

>>Derivative: Isopropyl ester
Synonym(s): Isopropyl pentanoate. Isopropyl valerate

CAS Registry Number: 18362-97-5
Molecular Formula: C₈H₁₆O₂
Molecular Weight: 144.213
Accurate Mass: 144.11503
Percentage Composition: C 66.63%; H 11.18%; O 22.19%
Physical Description: Liq.
Boiling Point: Bp 164.9°

>>Derivative: Butyl ester
Synonym(s): Butyl pentanoate. Butyl valerate. FEMA 2217

CAS Registry Number: 591-68-4

Molecular Formula: C₉H₁₈O₂
Molecular Weight: 158.24
Accurate Mass: 158.13068
Percentage Composition: C 68.31%; H 11.46%; O 20.22%
Biological Source: Present in fruits
Use/Importance: Flavouring agent
Physical Description: Liq. with apple-raspbery colour and corresponding sweet taste
Boiling Point: Bp 186.5° (175°)
Density: d₄²⁰ 0.87
Refractive Index: n_D²⁰ 1.4118
Aldrich: W22170-8

>>Derivative: 2-Methylpropyl ester

CAS Registry Number: 10588-10-0
Molecular Formula: C₉H₁₈O₂
Molecular Weight: 158.24
Accurate Mass: 158.13068
Percentage Composition: C 68.31%; H 11.46%; O 20.22%
Boiling Point: Bp 179°
Density: d₄²⁰ 0.86