



Percentage Composition: C 69.72%; H 11.70%; O 18.58%
Melting Point: Mp -79°
Boiling Point: Bp 207°
Fluka: 94565
Other: PB P04870

>>Derivative: Hexyl ester

CAS Registry Number: 1117-59-5
Molecular Formula: C₁₁H₂₂O₂
Molecular Weight: 186.294
Accurate Mass: 186.16198
Percentage Composition: C 70.92%; H 11.90%; O 17.18%
Boiling Point: Bp 224°

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

CAS Registry Number: 10361-39-4
Molecular Formula: C₁₂H₁₆O₂
Molecular Weight: 192.257
Accurate Mass: 192.11503
Percentage Composition: C 74.97%; H 8.39%; O 16.64%
Physical Description: Oil
Boiling Point: Bp 235-237°

>>Derivative: 4-Bromophenacyl ester

CAS Registry Number: 22980-28-5
Physical Description: Cryst.
Melting Point: Mp 73° (64-65°)

>>Derivative: Chloride
Synonym(s): Pentanoyl chloride. Valeryl chloride

CAS Registry Number: 638-29-9
Molecular Formula: C₅H₉ClO
Molecular Weight: 120.578
Accurate Mass: 120.034192
Percentage Composition: C 49.81%; H 7.52%; Cl 29.40%; O 13.27%
Melting Point: Mp -110°
Boiling Point: Bp 127-128°

Aldrich: 15714-7
Fluka: 94610

>>Derivative: Amide
Synonym(s): Pentanamide, 9Cl. Valeramide

CAS Registry Number: 626-97-1
Molecular Formula: C₅H₁₁NO
Molecular Weight: 101.148
Accurate Mass: 101.084064
Percentage Composition: C 59.37%; H 10.96%; N 13.85%; O 15.82%
Physical Description: Plates (EtOH)
Melting Point: Mp 106°
Solubility: V. sol. H₂O, EtOH, Et₂O