



Molecular Weight: 88.106
Accurate Mass: 88.05243
Percentage Composition: C 54.53%; H 9.15%; O 36.32%
Physical Description: Liq. with a characteristic fruity (rum-plum) odour with a corresponding bittersweet flavour
Melting Point: Mp -92.9°
Boiling Point: Bp 80-82°
Solubility: Sl. sol. H₂O; misc. EtOH, Et₂O
Density: d²⁰ 0.906
Refractive Index: n_D²⁰ 1.3779
Hazard & Toxicity: Fl. p. 27°

Aldrich: W29430-6
Fluka: 6559
Rare Chemicals Library: S56568-7

>>Derivative: Butyl ester
Synonym(s): FEMA 2916

CAS Registry Number: 592-84-7

Molecular Formula: C₅H₁₀O₂
Molecular Weight: 102.133
Accurate Mass: 102.06808
Percentage Composition: C 58.80%; H 9.87%; O 31.33%
Physical Description: Liq. with a fruity, plum-like odour and corresponding taste
Melting Point: Mp -91.5°
Boiling Point: Bp 106-107°
Solubility: Sl. sol. H₂O; misc. EtOH, Et₂O
Density: d²⁰ 0.888
Refractive Index: n_D²⁰ 1.3890
Hazard & Toxicity: Fl. p. 64°

Aldrich: 26152-1
Fluka: 6511
Sigma: B5140

>>Derivative: *tert*-Butyl ester

CAS Registry Number: 762-75-4
Molecular Formula: C₅H₁₀O₂
Molecular Weight: 102.133
Accurate Mass: 102.06808
Percentage Composition: C 58.80%; H 9.87%; O 31.33%
Boiling Point: Bp 82-83°
Refractive Index: n_D²⁰ 1.3790
Aldrich: 27077-6
Fluka: 6513

>>Derivative: Ph ester
see Phenyl formate, [MTL20-L](#)

>>Derivative: Benzyl ester
see Benzyl formate, [NWJ92-E](#)

>>Derivative: 4-Bromophenacyl ester

CAS Registry Number: 10536-76-2
Physical Description: Cryst. (EtOH)
Melting Point: Mp 99°

>>Derivative: 4-Nitrophenyl ester
see 4-Nitrophenyl formate, [DVL74-X](#)

>>Derivative: 2,4,5-Trichlorophenyl ester