



Molecular Weight: 128.171
Accurate Mass: 128.08373
Percentage Composition: C 65.60%; H 9.44%; O 24.97%
Melting Point: Mp -61°
Boiling Point: Bp 138°
Density: d_4^{20} 0.89
Refractive Index: n_D^{20} 1.4150
Other Data: Q/e values for copolym., Q 0.41, e +0.34

>> **Derivative:** *tert*-Butyl ester
Synonym(s): *tert*-Butyl acrylate

CAS Registry Number: 1663-39-4
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 120°. Bp₆₀ 61-63°
Density: d^{25} 0.879
Refractive Index: n_D^{20} 1.4110
Hazard & Toxicity: Lachrymator
Aldrich: 32718-2
Fluka: 1775

>> **Derivative:** Pentyl ester

CAS Registry Number: 2998-23-4
Molecular Formula: C₈H₁₄O₂
Molecular Weight: 142.197
Accurate Mass: 142.09938
Percentage Composition: C 67.57%; H 9.92%; O 22.50%
Boiling Point: Bp₇ 48°
Density: d_4^{20} 0.89
Refractive Index: n_D^{20} 1.4240

>> **Derivative:** 1-Methylbutyl ester

CAS Registry Number: 51575-80-5
Molecular Formula: C₈H₁₄O₂
Molecular Weight: 142.197
Accurate Mass: 142.09938
Percentage Composition: C 67.57%; H 9.92%; O 22.50%
Boiling Point: Bp₃₇ 71-72°
Density: d^{20} 0.89

>> **Derivative:** 3-Methylbutyl ester

CAS Registry Number: 4245-35-6
Molecular Formula: C₈H₁₄O₂
Molecular Weight: 142.197
Accurate Mass: 142.09938
Percentage Composition: C 67.57%; H 9.92%; O 22.50%
Boiling Point: Bp₇ 43°
Density: d_4^{20} 0.89
Refractive Index: n_D^{20} 1.4230

>> **Derivative:** Hexyl ester

CAS Registry Number: 2499-95-8
Molecular Formula: C₉H₁₆O₂
Molecular Weight: 156.224
Accurate Mass: 156.11503
Percentage Composition: C 69.19%; H 10.32%; O 20.48%
Boiling Point: Bp 190°
Density: d_4^{20} 0.89
Refractive Index: n_D^{20} 1.4285
Aldrich: 40890-5
Other: PB H06010