



CAS Registry Number: 645-67-0
Molecular Formula: C₈H₁₄O₃
Molecular Weight: 158.197
Accurate Mass: 158.094295
Percentage Composition: C 60.74%; H 8.92%; O 30.34%
Physical Description: Liq.
Boiling Point: Bp 214-216°. Bp_{0.1} 40°

>>Derivative: Isopropyl ester

CAS Registry Number: 21884-26-4
Molecular Formula: C₈H₁₄O₃
Molecular Weight: 158.197
Accurate Mass: 158.094295
Percentage Composition: C 60.74%; H 8.92%; O 30.34%
Physical Description: Liq.
Boiling Point: Bp 203-205°. Bp_{0.1} 42°

>>Derivative: Butyl ester

CAS Registry Number: 2052-15-5
Molecular Formula: C₉H₁₆O₃
Molecular Weight: 172.224
Accurate Mass: 172.109945
Percentage Composition: C 62.77%; H 9.36%; O 27.87%
Use/Importance: Plasticiser
Physical Description: Liq.
Boiling Point: Bp 229-231°. Bp_{5.5} 106-108°. Bp_{0.1} 61°

Aldrich: 17953-1

>>Derivative: Chloride

>>Derivative: Amide
Synonym(s): 4-Oxopropanamide. Levulinamide

CAS Registry Number: 22377-14-6
Molecular Formula: C₅H₉NO₂
Molecular Weight: 115.132
Accurate Mass: 115.063329
Percentage Composition: C 52.16%; H 7.88%; N 12.17%; O 27.79%
Physical Description: Cryst. (EtOH/Et₂O)
Melting Point: Mp 85-85.5°

>>Derivative: Nitrile
Synonym(s): 4-Cyano-2-butanone. Levulinonitrile

CAS Registry Number: 927-56-0
Molecular Formula: C₅H₇NO
Molecular Weight: 97.116
Accurate Mass: 97.052764
Percentage Composition: C 61.84%; H 7.26%; N 14.42%; O 16.47%
Physical Description: Oil
Boiling Point: Bp₂₂ 97°

>>Derivative: Anhydride

Molecular Formula: C₁₀H₁₄O₅
Molecular Weight: 214.218
Accurate Mass: 214.084125
Percentage Composition: C 56.07%; H 6.59%; O 37.34%
Use/Importance: Protecting reagent for alcohols and for use in nucleotide synth.