



Physical Description: Cryst. (EtOAc)
Melting Point: Mp 107-109°
Optical Rotation: $[\alpha]_D +10.13$ (c, 10.26 in H₂)

>>**Variant:** (±)-form

CAS Registry Number: 632-12-2
Molecular Formula: C₃H₇NO₃
Molecular Weight: 105.093
Accurate Mass: 105.042594
Percentage Composition: C 34.29%; H 6.71%; N 13.33%; O 45.67%
Physical Description: Prisms (EtOH aq.)
Melting Point: Mp 248 dec.°
pKa Value: p*K*_{a2} 9.33; p*K*_{a3} 11.22 (25°)
Aldrich: 28633-8
Fluka: 59805
Sigma: I2503

>>**Derivative:** 2-Ac, *N,N*-Di-Me

Molecular Formula: C₇H₁₃NO₄
Molecular Weight: 175.184
Accurate Mass: 175.084459
Percentage Composition: C 47.99%; H 7.48%; N 8.00%; O 36.53%
Boiling Point: Bp_{1.5} 80-81°
Density: d₄¹⁸ 1.03
Refractive Index: n_D¹⁸ 1.4325

>>**Derivative:** *N*-Chloroacetyl

Molecular Formula: C₅H₈ClNO₄
Molecular Weight: 181.575
Accurate Mass: 181.014186
Percentage Composition: C 33.07%; H 4.44%; Cl 19.53%; N 7.71%; O 35.25%
Physical Description: Needles (Et₂O/petrol)
Melting Point: Mp 92°

>>**Derivative:** 2-Ac, *N,N*-Di-Et

Molecular Formula: C₉H₁₇NO₄
Molecular Weight: 203.238
Accurate Mass: 203.115759
Percentage Composition: C 53.19%; H 8.43%; N 6.89%; O 31.49%
Boiling Point: Bp₂ 105-106°
Density: d₄¹⁸ 1.4342
Refractive Index: n_D¹⁸ 1.4342

>>**Derivative:** Et ester

Molecular Formula: C₅H₁₁NO₃
Molecular Weight: 133.147
Accurate Mass: 133.073894
Percentage Composition: C 45.10%; H 8.33%; N 10.52%; O 36.05%
Melting Point: Mp 75°

>>**Derivative:** *N*-Benzoyl

CAS Registry Number: 72410-30-1
Physical Description: Cryst. (EtOAc)
Melting Point: Mp 151°

>>**Derivative:** Phenylurethane

Melting Point: Mp 183-184°