



Accurate Mass: 221.105194
Percentage Composition: C 65.14%; H 6.83%; N 6.33%; O 21.69%
Physical Description: Needles + 1H₂O (EtOH aq.)
Melting Point: Mp 64° (anhyd. 95°)
Optical Rotation: $[\alpha]_{\text{D}}^{20} +14$ (alkali aq.)

>>Derivative: *N*-Benzoyl, *N*-Me

CAS Registry Number: 69994-42-9
Molecular Formula: C₁₃H₁₇NO₃
Molecular Weight: 235.282
Accurate Mass: 235.120844
Percentage Composition: C 66.36%; H 7.28%; N 5.95%; O 20.40%
Physical Description: Cryst. (Et₂O)
Melting Point: Mp 127-129°

>>Derivative: *N*-Glycyl

CAS Registry Number: 1999-38-8
Molecular Formula: C₇H₁₄N₂O₃
Molecular Weight: 174.199
Accurate Mass: 174.100443
Percentage Composition: C 48.26%; H 8.10%; N 16.08%; O 27.55%
Physical Description: Microprisms
Melting Point: Mp 220° (sinters)
Optical Rotation: $[\alpha]_{\text{D}}^{20} +10.28$ (EtOH)

>>Variant: (*S*)-form

Synonym(s): L-form

CAS Registry Number: 6600-40-4
Molecular Formula: C₅H₁₁NO₂
Molecular Weight: 117.147
Accurate Mass: 117.078979
Percentage Composition: C 51.26%; H 9.46%; N 11.96%; O 27.31%
Physical Description: Cryst. (H₂O)
Melting Point: Mp 305° (sinters)
Optical Rotation: $[\alpha]_{\text{D}}^{20} +23$ (c, 10 in 20% HCl). $[\alpha]_{\text{D}}^{25} +15.96$ (c, 1.04 in 10% HCl)
Aldrich: 85163-9
Fluka: 74650
Rare Chemicals Library: S58106-2
Sigma: N7627

>>Derivative: Me ester

CAS Registry Number: 29582-96-5
Physical Description: Liq.
Optical Rotation: $[\alpha]_{\text{D}}^{20} +25.5$ (c, 1.7 in CHCl₃)

>>Derivative: Et ester

CAS Registry Number: 39256-85-4
Molecular Formula: C₇H₁₅NO₂
Molecular Weight: 145.201
Accurate Mass: 145.110279
Percentage Composition: C 57.90%; H 10.41%; N 9.65%; O 22.04%
Physical Description: Liq.
Boiling Point: Bp₁₀ 77.5°
Optical Rotation: $[\alpha]_{\text{D}}^{25} +9.5$ (HCl)

>>Derivative: *N*-Formyl

Physical Description: Cryst.
Melting Point: Mp 137°
Optical Rotation: $[\alpha]_{\text{D}}^{28} +2.05$ (HCl)