



Molecular Weight: 159.185
Percentage Composition: C 52.82%; H 8.23%; N 8.80%; O 30.15%
Physical Description: Cryst. (EtOH)
Melting Point: Mp 105°
Optical Rotation: $[\alpha]_{\text{D}}^{20} -34.3$ (c, 2 in H₂O)

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

Molecular Formula: C₁₂H₁₅NO₃
Molecular Weight: 221.255
Accurate Mass: 221.105194
Percentage Composition: C 65.14%; H 6.83%; N 6.33%; O 21.69%
Physical Description: Cryst. + 1H₂O (EtOH aq.)
Melting Point: Mp 64° (anhyd. 97°)
Optical Rotation: $[\alpha]_{\text{D}}^{19} -15$ (alkali aq.)

>>**Derivative:** *N*-Benzoyl, Et ester

Molecular Formula: C₁₄H₁₉NO₃
Molecular Weight: 249.309
Accurate Mass: 249.136494
Percentage Composition: C 67.45%; H 7.68%; N 5.62%; O 19.25%
Physical Description: Needles (petrol)
Melting Point: Mp 59°
Optical Rotation: $[\alpha]_{\text{D}}^{19} +7.98$

>>**Derivative:** *N*-Glycyl

CAS Registry Number: 19257-03-5
Physical Description: Microprisms
Melting Point: Mp 223° (sinters)
Optical Rotation: $[\alpha]_{\text{D}}^{20} -10.17$ (H₂O)

>>**Variant:** (±)-form

CAS Registry Number: 760-78-1
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: Silvery leaflets
Melting Point: Mp 303°. Mp 290-292 dec.° (sealed tube)
pKa Value: p*K*_{a2} 9.81 (25°)
Other Data: Sweet taste
Aldrich: 22284-4
Fluka: 74670
Sigma: N7502

>>**Derivative:** Hydrochloride

Physical Description: Prisms
Melting Point: Mp 188 dec.°

>>**Derivative:** Me ester

CAS Registry Number: 51220-50-9
Physical Description: Oil

>>**Derivative:** Et ester

Physical Description: Cryst.
Melting Point: Mp 65°
Boiling Point: Bp₈ 68.5°