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: $[\alpha]_D^{20}$ –34.3 (c, 2 in H_2O)

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

Molecular Formula: $C_{12}H_{15}NO_3$
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. + $1H_2O$ (EtOH aq.)
Melting Point: Mp 64° (anhyd. 97°)
Optical Rotation: $[\alpha]_D^{19}$ –15 (alkali aq.)

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

Molecular Formula: $C_{14}H_{19}NO_3$
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: $[\alpha]_D^{19}$ +7.98

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

CAS Registry Number: 19257-03-5
Physical Description: Microprisms
Melting Point: Mp 223° (sinters)
Optical Rotation: $[\alpha]_D^{20}$ –10.17 (H_2O)

>>**Variant:** (±)-form

CAS Registry Number: 760-78-1
Molecular Formula: $C_5H_{11}NO_2$
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: pK_{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: Bp_8 68.5°