Optical Rotation: $[\alpha]_D^{21}$ –45 (c, 1 in MeOH)
Density: d 1.03

>>**Variant:** (±)-form

CAS Registry Number: 302-72-7

Molecular Formula: $C_3H_7NO_2$
Molecular Weight: 89.094
Accurate Mass: 89.047679
Percentage Composition: C 40.44%; H 7.92%; N 15.72%; O 35.92%
Use/Importance: Reference material used in elemental microanalysis
Physical Description: Needles or prisms
Melting Point: Mp 295 dec.°
Solubility: Spar. sol. H_2O; insol. Et_2O

Aldrich: 13522-4
Fluka: 5150
Sigma: A7502

>>**Derivative:** Me ester

CAS Registry Number: 7625-53-8
Molecular Formula: $C_4H_9NO_2$
Molecular Weight: 103.121
Percentage Composition: C 46.59%; H 8.80%; N 13.58%; O 31.03%
Boiling Point: Bp_{15} 38-42°

>>**Derivative:** Me ester; hydrochloride

CAS Registry Number: 13515-97-4
Melting Point: Mp 158°
Sigma: A8627

>>**Derivative:** Et ester

CAS Registry Number: 17344-99-9
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%
Boiling Point: Bp_{11} 48°

>>**Derivative:** Et ester; hydrochloride

CAS Registry Number: 617-27-6
Melting Point: Mp 87-88°
Aldrich: 26886-0
Fluka: 5180
Sigma: A3149

>>**Derivative:** Amide

CAS Registry Number: 20108-77-4
Molecular Formula: $C_3H_8N_2O$
Molecular Weight: 88.109
Accurate Mass: 88.063663
Percentage Composition: C 40.90%; H 9.15%; N 31.79%; O 18.16%
Melting Point: Mp 62°

>>**Derivative:** Amide; hydrochloride

CAS Registry Number: 80222-96-4
Melting Point: Mp 170°