



CAS Registry Number: 21705-13-5
Extra CAS Registry Numbers(s): 14316-06-4
Molecular Formula: $C_4H_9NO_2$
Molecular Weight: 103.121
Accurate Mass: 103.063329
Percentage Composition: C 46.59%; H 8.80%; N 13.58%; O 31.03%
Melting Point: Mp 109-111° (as hydrochloride)

>>Derivative: Et ester

CAS Registry Number: 30959-96-7
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: Needles (EtOH aq.)
Melting Point: Mp 104-105°
Optical Rotation: $[\alpha]_D^{20} +6.91$ (EtOH)

>>Derivative: Benzyl ester

CAS Registry Number: 17831-02-6
Molecular Formula: $C_{10}H_{13}NO_2$
Molecular Weight: 179.218
Accurate Mass: 179.094629
Percentage Composition: C 67.02%; H 7.31%; N 7.82%; O 17.85%
Melting Point: Mp 139-140° (as hydrochloride)
Optical Rotation: $[\alpha]_D^{25} +10.5$ (c, 2 in 0.1M HCl)

>>Derivative: N-Ac

CAS Registry Number: 19436-52-3
Molecular Formula: $C_5H_9NO_3$
Molecular Weight: 131.131
Accurate Mass: 131.058244
Percentage Composition: C 45.80%; H 6.92%; N 10.68%; O 36.60%
Melting Point: Mp 125°
Optical Rotation: $[\alpha]_D +66.5$ (c, 2 in H_2O)
Sigma: A4375