Accurate Mass: 151.099714
Percentage Composition: C 71.49%; H 8.67%; N 9.26%; O 10.58%
Physical Description: No phys. props. reported
Other: Celgene: 6601-00

>>**Variant:** (*S*)-form

CAS Registry Number: 2749-11-3
Molecular Formula: C_3H_9NO
Molecular Weight: 75.11
Accurate Mass: 75.068414
Percentage Composition: C 47.97%; H 12.08%; N 18.65%; O 21.30%
Physical Description: Oil
Boiling Point: Bp_{11} 72-73°
Optical Rotation: $[\alpha]_D^{20}$+15.8
Aldrich: A7620-6
Fluka: 5230
Sigma: A1390

>>**Derivative:** Oxalate

Melting Point: Mp 171°
Optical Rotation: $[\alpha]_D^{20}$+18.8

>>**Derivative:** *N*-Ac
Synonym(s): *N*-(2-Hydroxy-1-methylethyl)acetamide, 9CI

CAS Registry Number: 35593-62-5
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%
Melting Point: Mp 96-99°
Optical Rotation: $[\alpha]_D^{12.5}$−15 (c, 1.056 in EtOH)

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

CAS Registry Number: 33985-13-6
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%
Physical Description: Flakes (hexane)
Melting Point: Mp 132-133°
Optical Rotation: $[\alpha]_D$ −8 (c, 0.466 in $CHCl_3$)

>>**Derivative:** *N*-Benzyl

CAS Registry Number: 6940-80-3
Physical Description: Cryst. (cyclohexane)
Melting Point: Mp 40-42°
Optical Rotation: $[\alpha]_D^{20}$+43.3 (c, 1 in MeOH)

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

CAS Registry Number: 40916-65-2
Boiling Point: Bp_{19} 44-47°
Optical Rotation: $[\alpha]_D^{23.5}$−3.83 (c, 2.9 in EtOH)

>>**Derivative:** *N,N*-Dibenzyl

Molecular Formula: $C_{17}H_{21}NO$
Molecular Weight: 255.359
Accurate Mass: 255.162314
Percentage Composition: C 79.96%; H 8.29%; N 5.49%; O 6.27%
Physical Description: Oil, solidifies on standing
Boiling Point: $Bp_{0.2}$ 160-174°
Optical Rotation: $[\alpha]_D^{25}$+89 (c, 1 in $CHCl_3$)