Physical Description: Unstable solid
Melting Point: Mp 112-114°

>>**Derivative:** Hydrochloride

CAS Registry Number: 42787-61-1
Physical Description: Needles ($EtOH/Et_2O$)
Melting Point: Mp 187°

>>**Derivative:** *N*-Formyl

CAS Registry Number: 102831-14-1
Molecular Formula: $C_{10}H_{11}NO_2$
Molecular Weight: 177.202
Accurate Mass: 177.078979
Percentage Composition: C 67.78%; H 6.26%; N 7.90%; O 18.06%
Physical Description: Cryst. (Me_2CO/hexane)
Melting Point: Mp 93-96°

>>**Derivative:** *N*-Ac

Molecular Formula: $C_{11}H_{13}NO_2$
Molecular Weight: 191.229
Accurate Mass: 191.094629
Percentage Composition: C 69.09%; H 6.85%; N 7.32%; O 16.73%
Physical Description: Cryst. (C_6H_6)
Melting Point: Mp 90-91°

>>**Derivative:** *N*-Me
Synonym(s): 2-Methylamino-1-phenyl-1-propanone. Ephedrone

CAS Registry Number: 5650-44-2
Molecular Formula: $C_{10}H_{13}NO$
Molecular Weight: 163.219
Accurate Mass: 163.099714
Percentage Composition: C 73.59%; H 8.03%; N 8.58%; O 9.80%
Physical Description: Yellow oil
Boiling Point: Bp_{11} 120-121°

>>**Derivative:** *N*-Et

CAS Registry Number: 51553-17-4
Molecular Formula: $C_{11}H_{15}NO$
Molecular Weight: 177.246
Accurate Mass: 177.115364
Percentage Composition: C 74.54%; H 8.53%; N 7.90%; O 9.03%
Biological Use/Importance: Shows anorexigenic activity in rats
Melting Point: Mp 196-198° (as hydrochloride)
Other Data: CAS no. refers to hydrochloride
Aldrich: 31116-2
Sigma: E0263

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