



>>>**Derivative:** Bromide
see Acetyl bromide, [DFS55-T](#)

>>>**Derivative:** Iodide
see Acetyl iodide, [DFT18-P](#)

>>>**Derivative:** Amide
see Acetamide, [DFR77-W](#)

>>>**Derivative:** Methylamide
see *N*-Methylacetamide, [DCK26-C](#)

>>>**Derivative:** Dimethylamide
see *N,N*-Dimethylacetamide, [BGP25-G](#)

>>>**Derivative:** Hydrazide
Synonym(s): Acethydrazide. Acetylhydrazide. Acetylhydrazine

CAS Registry Number: 1068-57-1
Molecular Formula: C₂H₆N₂O
Molecular Weight: 74.082
Accurate Mass: 74.048013
Percentage Composition: C 32.43%; H 8.16%; N 37.81%; O 21.60%
Physical Description: Needles (EtOH)
Melting Point: Mp 67°
Boiling Point: Bp₁₈ 127°
Solubility: Sol. H₂O, EtOH, Et₂O
pKa Value: pK_{a2} 13.04 (25°,NH)
Other Data: Reduces NH₃.AgNO₃

Aldrich: A830-9
Fluka: 509
Sigma: A3031

>>>**Derivative:** Nitrile
see Acetonitrile, [HFC99-Z](#)

>>>**Derivative:** Anhydride
see Acetic anhydride, [DFR94-Z](#)

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