



>>Derivative: Hydrazide

Synonym(s): Acetylhydrazide. Acetylhydrazide. Acetylhydrazine

CAS Registry Number: 1068-57-1

Molecular Formula: $C_2H_6N_2O$

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

>>Derivative: Anhydride

References: