



>>Entry Name: 1-Aminoethanol

Synonym(s): Aldehyde-ammonia. 1-Hydroxyethylamine. Acetaldehyde ammonia

CAS Registry Number: 75-39-8

$\text{H}_3\text{CCH}(\text{OH})\text{NH}_2$

Molecular Formula: $\text{C}_2\text{H}_7\text{NO}$

Molecular Weight: 61.083

Accurate Mass: 61.052764

Percentage Composition: C 39.33%; H 11.55%; N 22.93%; O 26.19%

Aldrich: 10820-0

Sigma: A1400

>>Variant: ($\pm$)-form

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Accurate Mass: 61.052764

Percentage Composition: C 39.33%; H 11.55%; N 22.93%; O 26.19%

Physical Description: Rhombic cryst.

Melting Point: Mp 97°

Boiling Point: Bp 110°

Hazard & Toxicity: Skin and eye irritant

References:

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **1**, 333D, (ir)

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Aschan, O., *Ber.*, 1915, **48**, 874

U.S. Pat., 1923, 1 456 702; *CA*, **17**, 2428

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Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials, 8th edn.*, Van Nostrand Reinhold, 1992, AAG500