>>**Entry Name: 2-Methoxyethylamine,** 8CI
Synonym(s): 2-Methoxyethanamine, 9CI. Ethanolamine methyl ether. 2-Aminoethyl methyl ether

CAS Registry Number: 109-85-3
$MeOCH_2CH_2NH_2$

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: Liq.
Boiling Point: Bp_{756} 95°
Solubility: Misc. H_2O, EtOH
pKa Value: pK_a 9.61 (20°, H_2O) pK_a 9.4 (25°)

Aldrich: 14369-3
Fluka: 64740

>>**Derivative:** Hydrochloride

CAS Registry Number: 18600-40-3
Physical Description: Hygroscopic cryst.

>>**Derivative:** Picrate

CAS Registry Number: 29681-33-2
Melting Point: Mp 149.2-150.2°

>>**Derivative:** *N*-Me
Synonym(s): 2-Methoxy-*N*-methylethanamine

CAS Registry Number: 38256-93-8
Molecular Formula: $C_4H_{11}NO$
Molecular Weight: 89.137
Accurate Mass: 89.084064
Percentage Composition: C 53.90%; H 12.44%; N 15.71%; O 17.95%
Boiling Point: Bp 94-98°

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

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **1**, 524C, *(nmr)*
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Traube, W. *et al.*, *Ber.*, 1920, **53**, 1501, *(synth)*
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Lewis, R.J.*, Sax's Dangerous Properties of Industrial Materials, 8th edn., Van Nostrand Reinhold*, 1992, MEM500