



CAS Registry Number: 15438-67-2
Molecular Formula: C₄H₉NO₂
Molecular Weight: 103.121
Accurate Mass: 103.063329
Percentage Composition: C 46.59%; H 8.80%; N 13.58%; O 31.03%
Physical Description: Cryst.
Melting Point: Mp 50.5°

>>**Derivative:** Me ether, nitrile
Synonym(s): 1-Cyano-2-methoxyethane

CAS Registry Number: 110-67-8
Molecular Formula: C₄H₇NO
Molecular Weight: 85.105
Accurate Mass: 85.052764
Percentage Composition: C 56.45%; H 8.29%; N 16.46%; O 18.80%
Boiling Point: Bp 165.5°

Aldrich: 11762-5
Fluka: 65290
Rare Chemicals Library: S43706-9
Sigma: M6644

>>**Derivative:** Et ether
Synonym(s): 3-Ethoxypropanoic acid

CAS Registry Number: 4324-38-3
Molecular Formula: C₅H₁₀O₃
Molecular Weight: 118.132
Accurate Mass: 118.062995
Percentage Composition: C 50.84%; H 8.53%; O 40.63%
Boiling Point: Bp₁₉ 119-120°
pKa Value: pK_a 3.5

>>**Derivative:** Et ether, Me ester

CAS Registry Number: 14144-33-3
Molecular Formula: C₆H₁₂O₃
Molecular Weight: 132.159
Accurate Mass: 132.078645
Percentage Composition: C 54.53%; H 9.15%; O 36.32%
Boiling Point: Bp₂₀ 60°. Bp₁₀ 46°

>>**Derivative:** Et ether, Et ester

CAS Registry Number: 763-69-9
Molecular Formula: C₇H₁₄O₃
Molecular Weight: 146.186
Accurate Mass: 146.094295
Percentage Composition: C 57.51%; H 9.65%; O 32.83%
Boiling Point: Bp 166°. Bp₁₃ 62-63°. Bp₄ 50°

Aldrich: 17828-4

>>**Derivative:** Isopropyl ether, nitrile
Synonym(s): 1-Cyano-2-isopropoxyethane

CAS Registry Number: 110-47-4
Molecular Formula: C₆H₁₁NO
Molecular Weight: 113.159
Accurate Mass: 113.084064
Percentage Composition: C 63.69%; H 9.80%; N 12.38%; O 14.14%
Boiling Point: Bp₁₀ 66°