>>**Entry Name: Methoxyacetic acid,** 9CI, 8CI
Synonym(s): Glycollic acid methyl ether

CAS Registry Number: 625-45-6
$MeOCH_2COOH$

Molecular Formula: $C_3H_6O_3$
Molecular Weight: 90.079
Accurate Mass: 90.031695
Percentage Composition: C 40.00%; H 6.71%; O 53.28%
Physical Description: Liq.
Boiling Point: Bp 203-204°. Bp_{13} 96.5°
Density: d_4^{20}1.177
Refractive Index: n_D^{20} 1.4168
Hazard & Toxicity: Proximate toxic metab. of 2-Methoxyethanol DBX12-B. Exp. reprod. and teratogenic effects

Aldrich: 19455-7
Fluka: 64960

>>**Derivative:** Me ester

CAS Registry Number: 6290-49-9
Molecular Formula: $C_4H_8O_3$
Molecular Weight: 104.105
Accurate Mass: 104.047345
Percentage Composition: C 46.15%; H 7.75%; O 46.11%
Boiling Point: Bp 131°

Aldrich: 14920-9
Fluka: 64980

>>**Derivative:** Et ester

CAS Registry Number: 3938-96-3
Molecular Formula: $C_5H_{10}O_3$
Molecular Weight: 118.132
Accurate Mass: 118.062995
Percentage Composition: C 50.84%; H 8.53%; O 40.63%
Boiling Point: Bp_9 44°
Aldrich: 23259-9
Fluka: 64970

>>**Derivative:** Chloride
Synonym(s): Methoxyacetyl chloride

CAS Registry Number: 38870-89-2
Molecular Formula: $C_3H_5ClO_2$
Molecular Weight: 108.524
Accurate Mass: 107.997807
Percentage Composition: C 33.20%; H 4.64%; Cl 32.67%; O 29.49%
Boiling Point: Bp 112-113°. Bp_{62} 46-49°
Refractive Index: n_D^{20} 1.4190
Aldrich: M965-3
Fluka: 64975
Sigma: M2640

>>**Derivative:** Amide

CAS Registry Number: 16332-06-2
Molecular Formula: $C_3H_7NO_2$
Molecular Weight: 89.094
Accurate Mass: 89.047679
Percentage Composition: C 40.44%; H 7.92%; N 15.72%; O 35.92%
Physical Description: Cryst. (H_2O)
Melting Point: Mp 96.5°
Rare Chemicals Library: S37187-4

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