



>>Entry Name: Methoxyacetic acid, 9Cl, 8Cl

Synonym(s): Glycollic acid methyl ether

CAS Registry Number: 625-45-6

MeOCH₂COOH

Molecular Formula: C₃H₆O₃

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°. Bp₁₃ 96.5°

Density: d₄²⁰ 1.177

Refractive Index: n_D²⁰ 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: C₄H₈O₃

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: C₅H₁₀O₃

Molecular Weight: 118.132

Accurate Mass: 118.062995

Percentage Composition: C 50.84%; H 8.53%; O 40.63%

Boiling Point: Bp₉ 44°

Aldrich: 23259-9

Fluka: 64970

>>Derivative: Chloride

Synonym(s): Methoxyacetyl chloride

CAS Registry Number: 38870-89-2

Molecular Formula: C₃H₅ClO₂

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°. Bp₆₂ 46-49°

Refractive Index: n_D²⁰ 1.4190

Aldrich: M965-3

Fluka: 64975

Sigma: M2640

>>Derivative: Amide

CAS Registry Number: 16332-06-2

Molecular Formula: C₃H₇NO₂

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. (H₂O)

Melting Point: Mp 96.5°

Rare Chemicals Library: S37187-4