Molecular Weight: 176.212
Accurate Mass: 176.10486
Percentage Composition: C 54.53%; H 9.15%; O 36.32%
Boiling Point: Bp 199°. Bp_{13} 83-85°
Aldrich: 12824-4
Fluka: 31638

>>**Derivative:** Di-Et acetal, amide

CAS Registry Number: 61189-99-9
Molecular Formula: $C_6H_{13}NO_3$
Molecular Weight: 147.174
Accurate Mass: 147.089544
Percentage Composition: C 48.97%; H 8.90%; N 9.52%; O 32.61%
Boiling Point: Subl. 81.5°
Aldrich: 37045-2
Fluka: 31603

>>**Derivative:** Di-Et acetal, nitrile
Synonym(s): Cyanodiethoxymethane

CAS Registry Number: 6136-93-2
Molecular Formula: $C_6H_{11}NO_2$
Molecular Weight: 129.158
Accurate Mass: 129.078979
Percentage Composition: C 55.80%; H 8.58%; N 10.84%; O 24.77%
Boiling Point: Bp_{12} 55-56°
Aldrich: 37046-0

>>**Derivative:** Di-Et mercaptal, Et ester
Synonym(s): Ethyl bis(ethylthio)acetate

CAS Registry Number: 20461-95-4
Molecular Formula: $C_8H_{16}O_2S_2$
Molecular Weight: 208.345
Accurate Mass: 208.05917
Percentage Composition: C 46.12%; H 7.74%; O 15.36%; S 30.78%
Use/Importance: Used for synthesis of 1,4-dicarbonyl compds.
Physical Description: Liq.
Boiling Point: $Bp_{0.1}$ 70°
Refractive Index: n_D^{20} 1.4970
Aldrich: 22634-3
Fluka: 50708

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