



Molecular Weight: 148.158
Accurate Mass: 148.07356
Percentage Composition: C 48.64%; H 8.16%; O 43.20%
Physical Description: Oil
Boiling Point: Bp₂₅ 79-80°
Aldrich: 28832-2

>>Derivative: Me ester, di-Et acetal
Synonym(s): Methyl 3,3-diethoxypropionate

Molecular Formula: C₈H₁₆O₄
Molecular Weight: 176.212
Accurate Mass: 176.10486
Percentage Composition: C 54.53%; H 9.15%; O 36.32%
Physical Description: Oil
Boiling Point: Bp 193°. Bp₂₄ 95°
Solubility: Spar. sol. H₂O

>>Derivative: Et ester

CAS Registry Number: 34780-29-5
Molecular Formula: C₅H₈O₃
Molecular Weight: 116.116
Accurate Mass: 116.047345
Percentage Composition: C 51.72%; H 6.94%; O 41.34%
Physical Description: Liq.
Boiling Point: Bp₁₇ 35-50°
Other Data: Polymerizes at r.t.

>>Derivative: Et ester, 2,4-dinitrophenylhydrazone

CAS Registry Number: 2003-74-9
Physical Description: Cryst. (petrol/EtOH)
Melting Point: Mp 158°

>>Derivative: Et ester, semicarbazone

CAS Registry Number: 54977-77-4
Physical Description: Cryst.
Melting Point: Mp 149-150.5° (147-148°)

>>Derivative: Et ester, di-Et acetal
Synonym(s): Ethyl 3,3-diethoxypropionate

CAS Registry Number: 10601-80-6
Molecular Formula: C₉H₁₈O₄
Molecular Weight: 190.239
Accurate Mass: 190.12051
Percentage Composition: C 56.82%; H 9.54%; O 33.64%
Physical Description: Oil
Boiling Point: Bp₁₄ 92-95°
Aldrich: 41447-6

>>Derivative: Isopropyl ester

CAS Registry Number: 108350-20-5
Molecular Formula: C₆H₁₀O₃
Molecular Weight: 130.143
Accurate Mass: 130.062995
Percentage Composition: C 55.37%; H 7.74%; O 36.88%
Physical Description: Liq.
Boiling Point: Bp₈ 30-50°
Other Data: Polymerizes at r.t.