



>>Derivative: Di-Me ester
Synonym(s): Dimethyl oxalate

CAS Registry Number: 553-90-2
Molecular Formula: $C_4H_6O_4$
Molecular Weight: 118.089
Accurate Mass: 118.02661
Percentage Composition: C 40.68%; H 5.12%; O 54.19%
Physical Description: Monoclinic prisms
Melting Point: Mp 54°
Boiling Point: Bp 163.5°

Aldrich: 13562-3
Fluka: 75752
Sigma: O7752

>>Derivative: Et-Me ester

CAS Registry Number: 615-52-1
Molecular Formula: $C_5H_8O_4$
Molecular Weight: 132.116
Accurate Mass: 132.04226
Percentage Composition: C 45.46%; H 6.10%; O 48.44%
Physical Description: Liq.
Boiling Point: Bp_{0.1} 58°

>>Derivative: Di-Et ester

>>Derivative: Dipropyl ester

CAS Registry Number: 615-98-5
Molecular Formula: $C_8H_{14}O_4$
Molecular Weight: 174.196
Accurate Mass: 174.08921
Percentage Composition: C 55.16%; H 8.10%; O 36.74%
Physical Description: Liq.
Boiling Point: Bp 214-215°

>>Derivative: Diisopropyl ester

CAS Registry Number: 615-81-6
Molecular Formula: $C_8H_{14}O_4$
Molecular Weight: 174.196
Accurate Mass: 174.08921
Percentage Composition: C 55.16%; H 8.10%; O 36.74%
Physical Description: Liq.
Boiling Point: Bp 193-194°. Bp₃ 41-42°

>>Derivative: Dibutyl ester

CAS Registry Number: 2050-60-4

Molecular Formula: $C_{10}H_{18}O_4$
Molecular Weight: 202.25
Accurate Mass: 202.12051
Percentage Composition: C 59.39%; H 8.97%; O 31.64%
Biological Source: Constit. of *Juglans regia* and *Panax ginseng*
Physical Description: Liq.
Melting Point: Mp -29°
Boiling Point: Bp 239-240°
Aldrich: 22713-7
Fluka: 75720

>>Derivative: Bis(2-methylpropyl) ester