



Refractive Index: n_D^{20} 1.4390
Aldrich: 29080-7

>>**Derivative:** 3,5,5-Trimethylhexyl ester

Molecular Formula: $C_{13}H_{24}O_2$
Molecular Weight: 212.331
Accurate Mass: 212.17763
Percentage Composition: C 73.54%; H 11.39%; O 15.07%
Boiling Point: Bp_4 71-78°
Refractive Index: n_D^{25} 1.4365

>>**Derivative:** Decyl ester

CAS Registry Number: 3179-47-3
Molecular Formula: $C_{14}H_{26}O_2$
Molecular Weight: 226.358
Accurate Mass: 226.19328
Percentage Composition: C 74.29%; H 11.58%; O 14.14%
Boiling Point: Bp_4 117-119°. $Bp_{0.13}$ 86°
Density: d_4^{20} 0.87
Refractive Index: n_D^{20} 1.4421
Other: PB: D01150

>>**Derivative:** 2-Methylnonyl ester

CAS Registry Number: 29964-84-9
Molecular Formula: $C_{14}H_{26}O_2$
Molecular Weight: 226.358
Accurate Mass: 226.19328
Percentage Composition: C 74.29%; H 11.58%; O 14.14%
Aldrich: 40894-8
Other: PB: I06995

>>**Derivative:** Dodecyl ester
Synonym(s): Lauryl methacrylate

CAS Registry Number: 142-90-5
Molecular Formula: $C_{16}H_{30}O_2$
Molecular Weight: 254.412
Accurate Mass: 254.22458
Percentage Composition: C 75.54%; H 11.89%; O 12.58%
Melting Point: Mp -22°
Boiling Point: Bp 272-343°. Bp_4 142°
Density: d_5^{25} 0.868
Refractive Index: n_D^{25} 1.4330

Aldrich: 29181-1
Fluka: 64151

>>**Derivative:** Tridecyl ester

CAS Registry Number: 2495-25-2
Molecular Formula: $C_{17}H_{32}O_2$
Molecular Weight: 268.439
Accurate Mass: 268.24023
Percentage Composition: C 76.06%; H 12.01%; O 11.92%
Boiling Point: Bp_5 175-180°
Density: d_4^{20} 0.87
Refractive Index: n_D^{20} 1.4465
Aldrich: 40834-4

>>**Derivative:** Tetradecyl ester