



>>Derivative: Octadecyl ester

Synonym(s): Stearyl acrylate

CAS Registry Number: 4813-57-4

Molecular Formula: $C_{21}H_{40}O_2$

Molecular Weight: 324.546

Accurate Mass: 324.30283

Percentage Composition: C 77.72%; H 12.42%; O 9.86%

Boiling Point: $Bp_{0.1}$ 145-169°

Other Data: Q/e values for copolym., Q 0.33, e +1.26

Aldrich: 40969-3

>>Derivative: 2-Propenyl ester

Synonym(s): Allyl acrylate

CAS Registry Number: 999-55-3

Molecular Formula: $C_6H_8O_2$

Molecular Weight: 112.128

Accurate Mass: 112.05243

Percentage Composition: C 64.27%; H 7.19%; O 28.54%

Boiling Point: Bp_{30} 55°. Bp 122-124°

Density: d_4^{20} 0.944

Refractive Index: n_D^{20} 1.4295

Other Data: Q/e values for copolym., Q 0.32, e -0.99

Rare Chemicals Library: S45983-6

>>Derivative: 2-Bromoethyl ester

CAS Registry Number: 4823-47-6

Molecular Formula: $C_5H_7BrO_2$

Molecular Weight: 179.013

Accurate Mass: 177.982941

Percentage Composition: C 33.55%; H 3.94%; Br 44.64%; O 17.88%

Boiling Point: Bp_5 52-53°

Density: d_4^{20} 1.47

Refractive Index: n_D^{20} 1.4770

Other: PB B20910

>>Derivative: 2-Hydroxyethyl ester

>>Derivative: 2-Hydroxypropyl ester

CAS Registry Number: 999-61-1

Extra CAS Registry Numbers(s): 25584-83-2

Molecular Formula: $C_6H_{10}O_3$

Molecular Weight: 130.143

Accurate Mass: 130.062995

Percentage Composition: C 55.37%; H 7.74%; O 36.88%

Boiling Point: Bp_2 70-71°

Refractive Index: n_D^{20} 1.4465

Rare Chemicals Library: S51195-1

>>Derivative: Benzyl ester

CAS Registry Number: 2495-35-4

Molecular Formula: $C_{10}H_{10}O_2$

Molecular Weight: 162.188

Accurate Mass: 162.06808

Percentage Composition: C 74.06%; H 6.21%; O 19.73%

Boiling Point: Bp 228°. Bp_6 94°

Density: d^{20} 1.057

Refractive Index: n_D^{20} 1.5143

Other Data: Q/e values for copolym., Q 0.33, e +1.13

Other: PB B05890