



CAS Registry Number: 5138-86-3
Molecular Formula: C₁₀H₁₈O₂
Molecular Weight: 170.251
Accurate Mass: 170.13068
Percentage Composition: C 70.55%; H 10.66%; O 18.80%
Boiling Point: Bp_{0.3} 55°
Density: d₄²⁰ 0.89
Refractive Index: n_D²⁰ 1.4356

>>Derivative: 1,3-Dimethylbutyl ester

Molecular Formula: C₁₀H₁₈O₂
Molecular Weight: 170.251
Accurate Mass: 170.13068
Percentage Composition: C 70.55%; H 10.66%; O 18.80%
Boiling Point: Bp_{14.5} 66.5°
Density: d₄²⁰ 0.87
Refractive Index: n_D²⁰ 1.4248

>>Derivative: 3,3-Dimethylbutyl ester

CAS Registry Number: 77363-18-9
Molecular Formula: C₁₀H₁₈O₂
Molecular Weight: 170.251
Accurate Mass: 170.13068
Percentage Composition: C 70.55%; H 10.66%; O 18.80%
Boiling Point: Bp₁₈ 80-81°
Density: d₄²⁰ 0.88
Refractive Index: n_D²⁰ 1.4319

>>Derivative: 1,2,2-Trimethylpropyl ester

Molecular Formula: C₁₀H₁₈O₂
Molecular Weight: 170.251
Accurate Mass: 170.13068
Percentage Composition: C 70.55%; H 10.66%; O 18.80%
Boiling Point: Bp_{13.5} 63.5°
Density: d₄²⁰ 0.88
Refractive Index: n_D²⁰ 1.4270

>>Derivative: Octyl ester

CAS Registry Number: 2157-01-9
Molecular Formula: C₁₂H₂₂O₂
Molecular Weight: 198.305
Accurate Mass: 198.16198
Percentage Composition: C 72.68%; H 11.18%; O 16.14%
Boiling Point: Bp₁₄ 114°
Refractive Index: n_D²⁰ 1.4373
Other Data: Q/e values for copolym., Q 0.88, e +0.11. Rate for radical polym., $k_p = 1031 \text{ L mol}^{-1} \text{ s}^{-1}$, $k_t = 9.3 \times 10^{-5} \text{ L mol}^{-1} \text{ s}^{-1}$ (30°)

>>Derivative: 2-Methylheptyl ester

CAS Registry Number: 28675-80-1
Molecular Formula: C₁₂H₂₂O₂
Molecular Weight: 198.305
Accurate Mass: 198.16198
Percentage Composition: C 72.68%; H 11.18%; O 16.14%
Boiling Point: Bp_{0.65} 68°

>>Derivative: 2-Ethylhexyl ester

CAS Registry Number: 688-84-6
Molecular Formula: C₁₂H₂₂O₂
Molecular Weight: 198.305
Accurate Mass: 198.16198
Percentage Composition: C 72.68%; H 11.18%; O 16.14%
Boiling Point: Bp_{1.5} 68°
Density: d