



CAS Registry Number: 30673-60-0
Molecular Formula: $C_{13}H_{26}O_2$
Molecular Weight: 214.347
Accurate Mass: 214.19328
Percentage Composition: C 72.85%; H 12.23%; O 14.93%
Boiling Point: Bp₂ 105°
Density: d₄²⁰ 0.86
Refractive Index: n_D²⁰ 1.4280

>>Derivative: Isopropyl ester
Synonym(s): Isopropyl decanoate

CAS Registry Number: 2311-59-3
Molecular Formula: $C_{13}H_{26}O_2$
Molecular Weight: 214.347
Accurate Mass: 214.19328
Percentage Composition: C 72.85%; H 12.23%; O 14.93%
Boiling Point: Bp₂ 88-89°
Density: d₄²⁰ 0.85
Refractive Index: n_D²⁰ 1.4242

>>Derivative: Butyl ester
Synonym(s): Butyl decanoate

CAS Registry Number: 30673-36-0
Molecular Formula: $C_{14}H_{28}O_2$
Molecular Weight: 228.374
Accurate Mass: 228.20893
Percentage Composition: C 73.63%; H 12.36%; O 14.01%
Boiling Point: Bp₄ 123°
Density: d₄²⁰ 0.86
Refractive Index: n_D²⁰ 1.4305

>>Derivative: Pentyl ester
Synonym(s): Pentyl decanoate. Amyl caprate

CAS Registry Number: 5933-87-9

Molecular Formula: $C_{15}H_{30}O_2$
Molecular Weight: 242.401
Accurate Mass: 242.22458
Percentage Composition: C 74.33%; H 12.47%; O 13.20%
Use/Importance: Flavouring ingredient

>>Derivative: Vinyl ester
Synonym(s): Vinyl decanoate. Ethenyl decanoate

CAS Registry Number: 4704-31-8
Molecular Formula: $C_{12}H_{22}O_2$
Molecular Weight: 198.305
Accurate Mass: 198.16198
Percentage Composition: C 72.68%; H 11.18%; O 16.14%
Boiling Point: Bp₁₀ 119-120°
Density: d₄²⁰ 0.89
Refractive Index: n_D²⁰ 1.4370

>>Derivative: 2-Propenyl ester
Synonym(s): Allyl decanoate

CAS Registry Number: 57856-81-2
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_{5.2} 113-114°
Density: d₄³⁰ 0.87
Refractive Index: n_D³⁰ 1.4326