



Rare Chemicals Library: S56389-7

>>Derivative: Propyl ester

Molecular Formula: C₁₄H₂₆O₂

Molecular Weight: 226.358

Accurate Mass: 226.19328

Percentage Composition: C 74.29%; H 11.58%; O 14.14%

Boiling Point: Bp 268°

Density: d₄²⁰ 0.88

>>Derivative: Isopropyl ester

CAS Registry Number: 5459-98-3

Molecular Formula: C₁₄H₂₆O₂

Molecular Weight: 226.358

Accurate Mass: 226.19328

Percentage Composition: C 74.29%; H 11.58%; O 14.14%

Boiling Point: Bp 260°

Density: d¹⁵ 0.87

>>Derivative: 2-Propenyl ester

Synonym(s): Allyl undecylenate. FEMA 2044

CAS Registry Number: 7493-76-7

Molecular Formula: C₁₄H₂₄O₂

Molecular Weight: 224.342

Accurate Mass: 224.17763

Percentage Composition: C 74.95%; H 10.78%; O 14.26%

Use/Importance: Used in pineapple/coconut food flavouring

Physical Description: Liq.

Boiling Point: Bp 230°. Bp₃₀ 180°

Density: d 0.93

Refractive Index: n_D²³ 1.4479

>>Derivative: Butyl ester

Synonym(s): Butyl undecenylate. FEMA 2216

CAS Registry Number: 109-42-2

Molecular Formula: C₁₅H₂₈O₂

Molecular Weight: 240.385

Accurate Mass: 240.20893

Percentage Composition: C 74.95%; H 11.74%; O 13.31%

Use/Importance: Used in perfumery and food flavouring

Boiling Point: Bp 252°

Density: d₄²⁰ 0.88

Refractive Index: n_D²⁰ 1.4426

>>Derivative: 3-Methylbutyl ester

Synonym(s): 3-Methylbutyl 10-undecenoate. Isoamyl undecenylate

Molecular Formula: C₁₆H₃₀O₂

Molecular Weight: 254.412

Accurate Mass: 254.22458

Percentage Composition: C 75.54%; H 11.89%; O 12.58%

Use/Importance: Used in perfumery

Boiling Point: Bp₃ 160°