



Refractive Index: n_D^{20} 1.5045

Hazard & Toxicity: Fl. p. 88°, autoignition temp. 490°. Skin and eye irritant. LD₅₀ (rat, orl) 2100 mg/kg

Aldrich: W24221-7

Fluka: 12360

Supelco: S48-2422

>>**Derivative:** Vinyl ester

see Ethenol, [CTS73-G](#)

>>**Derivative:** Propyl ester

Synonym(s): Propyl benzoate. FEMA 2931

CAS Registry Number: 2315-68-6

Molecular Formula: C₁₀H₁₂O₂

Molecular Weight: 164.204

Accurate Mass: 164.08373

Percentage Composition: C 73.15%; H 7.37%; O 19.49%

Biological Source: Present in cherry and clove stem

Use/Importance: Flavour ingredient

Physical Description: Liq. with balsamic, nutty odour and sweet fruity-nutty flavour

Melting Point: Fp -51—52°

Boiling Point: Bp 230°

Density: d_{15}^{15} 1.03

Refractive Index: n_D^{20} 1.5100

Aldrich: 30700-9

Supelco: 44-2703

>>**Derivative:** Isopropyl ester

Synonym(s): Isopropyl benzoate. FEMA 2932

CAS Registry Number: 939-48-0

Molecular Formula: C₁₀H₁₂O₂

Molecular Weight: 164.204

Accurate Mass: 164.08373

Percentage Composition: C 73.15%; H 7.37%; O 19.49%

Biological Source: Present in feijoa fruit (*Feijoa sellowiana*), apple and pear

Use/Importance: Polymerisation catalyst, flavour ingredient

Boiling Point: Bp 218-219°

Density: d_{15}^{15} 1.02

Hazard & Toxicity: Fl. p. 89/99°. Skin and eye irritant. LD₅₀ (rat, orl) 3730 mg/kg

>>**Derivative:** 2-Propenyl ester

see 2-Propen-1-ol, [DFW01-U](#)

>>**Derivative:** Butyl ester

Synonym(s): Butyl benzoate

CAS Registry Number: 136-60-7

Molecular Formula: C₁₁H₁₄O₂

Molecular Weight: 178.23

Accurate Mass: 178.09938

Percentage Composition: C 74.13%; H 7.92%; O 17.95%

Use/Importance: Dye carrier; used in perfumery

Boiling Point: Bp 248-249°

Density: d_{15}^{15} 1.01

Hazard & Toxicity: Fl. p. 107° (oc). Eye and skin irritant

Aldrich: 29329-6

Fluka: 12410

Supelco: 44-2667