



Density: d_4^0 0.893

Hazard & Toxicity: Highly flammable, fl. p. 21°

>>Derivative: Butyl ester

Synonym(s): Butyl propionate

CAS Registry Number: 590-01-2

Molecular Formula: $C_7H_{14}O_2$

Molecular Weight: 130.186

Accurate Mass: 130.09938

Percentage Composition: C 64.58%; H 10.84%; O 24.58%

Physical Description: Liq.

Boiling Point: Bp 145.5°

Density: d_4^0 0.893

Hazard & Toxicity: Flammable, fl. p. 32°, autoignition temp. 426°. Skin irritant

Aldrich: W22110-4

>>Derivative: 1-Methylpropyl ester

Synonym(s): 1-Methylpropyl propanoate. *sec*-Butyl propionate

CAS Registry Number: 591-34-4

Molecular Formula: $C_7H_{14}O_2$

Molecular Weight: 130.186

Accurate Mass: 130.09938

Percentage Composition: C 64.58%; H 10.84%; O 24.58%

Physical Description: Liq.

Boiling Point: Bp 132°

Density: d_4^{20} 0.866

Refractive Index: n_D^{25} 1.3938

>>Derivative: 2-Methylpropyl ester

Synonym(s): 2-Methylpropyl propanoate. Isobutyl propionate

CAS Registry Number: 540-42-1

Molecular Formula: $C_7H_{14}O_2$

Molecular Weight: 130.186

Accurate Mass: 130.09938

Percentage Composition: C 64.58%; H 10.84%; O 24.58%

Physical Description: Liq.

Boiling Point: Bp 137°

Density: d_4^0 0.888

Hazard & Toxicity: Highly flammable, fl. p. 18°

Aldrich: W22122-8

>>Derivative: *tert*-Butyl ester

Synonym(s): *tert*-Butyl propionate

CAS Registry Number: 20487-40-5

Molecular Formula: $C_7H_{14}O_2$

Molecular Weight: 130.186

Accurate Mass: 130.09938

Percentage Composition: C 64.58%; H 10.84%; O 24.58%

Physical Description: Liq.

Boiling Point: Bp 117-119°

Aldrich: 25452-5

Fluka: 81960