Biological Source: Produced by *Ascaris lumbricoides*
Boiling Point: Bp_7 100°
Optical Rotation: $[\alpha]_D^{16}$+17.15 (neat)

>>**Derivative:** Et ester

CAS Registry Number: 28959-02-6
Molecular Formula: $C_8H_{16}O_2$
Molecular Weight: 144.213
Percentage Composition: C 66.63%; H 11.18%; O 22.19%
Boiling Point: Bp_4 78-80°
Optical Rotation: $[\alpha]_D^{25}$+5.67 (Et_2O)
Aldrich: W34880-5

>>**Derivative:** Chloride

CAS Registry Number: 25548-83-8
Molecular Formula: $C_6H_{11}ClO$
Molecular Weight: 134.605
Accurate Mass: 134.049842
Percentage Composition: C 53.54%; H 8.24%; Cl 26.34%; O 11.89%
Boiling Point: Bp_{15} 45-48°
Optical Rotation: $[\alpha]_D^{25}$+4.06

>>**Derivative:** Amide

CAS Registry Number: 34241-22-0
Molecular Formula: $C_6H_{13}NO$
Molecular Weight: 115.175
Accurate Mass: 115.099714
Percentage Composition: C 62.57%; H 11.38%; N 12.16%; O 13.89%
Physical Description: Cryst. (H_2O)
Melting Point: Mp 78°
Optical Rotation: $[\alpha]_D^{25}$+5.79 (EtOH aq.)

>>**Variant:** (±)-form

CAS Registry Number: 22160-39-0

Molecular Formula: $C_6H_{12}O_2$
Molecular Weight: 116.16
Accurate Mass: 116.08373
Percentage Composition: C 62.04%; H 10.41%; O 27.55%
Use/Importance: Flavouring ingredient
Boiling Point: Bp 192-193.6°
Density: d_4^0 0.941
pKa Value: pK_a 4.78 (25°)
Refractive Index: n_D^{20} 1.4136
Fluka: 69643

>>**Derivative:** Me ester
Synonym(s): FEMA 3707

CAS Registry Number: 2177-77-7

Use/Importance: Flavouring ingredient
Physical Description: Pale yellow liq
Boiling Point: $Bp_{0.2}$ 45°
Density: d^{20} 0.88
Refractive Index: n_D^{20} 1.4012

>>**Derivative:** Et ester
Synonym(s): FEMA 3488

CAS Registry Number: 39255-32-8