Molecular Formula: $C_{14}H_{22}O_7$
Molecular Weight: 302.324
Accurate Mass: 302.136555
Percentage Composition: C 55.62%; H 7.33%; O 37.05%
Boiling Point: Bp_1 165°

>>**Variant:** (*S*)-form

CAS Registry Number: 61898-58-6
Molecular Formula: $C_7H_{12}O_4$
Molecular Weight: 160.169
Accurate Mass: 160.07356
Percentage Composition: C 52.49%; H 7.55%; O 39.96%
Physical Description: Cryst. ($CHCl_3$)
Melting Point: Mp 80-87° (77-79°)
Optical Rotation: $[\alpha]_D^{20}$ –8.3 (c, 1 in EtOH)

>>**Derivative:** Di-Me ester

Molecular Formula: $C_9H_{16}O_4$
Molecular Weight: 188.223
Accurate Mass: 188.10486
Percentage Composition: C 57.43%; H 8.57%; O 34.00%
Physical Description: Oil
Optical Rotation: $[\alpha]_D^{23}$ –2.5 (c, 1.18 in EtOH)

>>**Derivative:** Dianilide

Molecular Formula: $C_{19}H_{22}N_2O_2$
Molecular Weight: 310.395
Accurate Mass: 310.168128
Percentage Composition: C 73.52%; H 7.14%; N 9.03%; O 10.31%
Physical Description: Needles
Melting Point: Mp 199-200°

>>**Variant:** (±)-form

Molecular Formula: $C_7H_{12}O_4$
Molecular Weight: 160.169
Accurate Mass: 160.07356
Percentage Composition: C 52.49%; H 7.55%; O 39.96%
Physical Description: Needles (C_6H_6)
Melting Point: Mp 97°
Boiling Point: Bp_{30} 230°

>>**Derivative:** Di-Et ester

CAS Registry Number: 55877-01-5
Boiling Point: Bp_{14} 130-132°

>>**Derivative:** Dichloride

CAS Registry Number: 44987-62-4
Boiling Point: Bp_{10} 117-119°
Refractive Index: n_D^{20} 1.4720
Aldrich: 23552-0

References: