



Molecular Formula: C₁₄H₂₂O₇
Molecular Weight: 302.324
Accurate Mass: 302.136555
Percentage Composition: C 55.62%; H 7.33%; O 37.05%
Boiling Point: Bp₁ 165°

>>Variant: (S)-form

CAS Registry Number: 61898-58-6
Molecular Formula: C₇H₁₂O₄
Molecular Weight: 160.169
Accurate Mass: 160.07356
Percentage Composition: C 52.49%; H 7.55%; O 39.96%
Physical Description: Cryst. (CHCl₃)
Melting Point: Mp 80-87° (77-79°)
Optical Rotation: [α]_D²⁰ -8.3 (c, 1 in EtOH)

>>Derivative: Di-Me ester

Molecular Formula: C₉H₁₆O₄
Molecular Weight: 188.223
Accurate Mass: 188.10486
Percentage Composition: C 57.43%; H 8.57%; O 34.00%
Physical Description: Oil
Optical Rotation: [α]_D²³ -2.5 (c, 1.18 in EtOH)

>>Derivative: Dianilide

Molecular Formula: C₁₉H₂₂N₂O₂
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: C₇H₁₂O₄
Molecular Weight: 160.169
Accurate Mass: 160.07356
Percentage Composition: C 52.49%; H 7.55%; O 39.96%
Physical Description: Needles (C₆H₆)
Melting Point: Mp 97°
Boiling Point: Bp₃₀ 230°

>>Derivative: Di-Et ester

CAS Registry Number: 55877-01-5
Boiling Point: Bp₁₄ 130-132°

>>Derivative: Dichloride

CAS Registry Number: 44987-62-4
Boiling Point: Bp₁₀ 117-119°
Refractive Index: n_D²⁰ 1.4720
Aldrich: 23552-0

References: