



Physical Description: Cryst. (AcOH or C₆H₆)
Melting Point: Mp 122-123°
Optical Rotation: [α]_D +63.2 (C₆H₆). [α]_D +12.6 (CHCl₃)

>>**Variant:** (1*S*,2*S*)-form
Synonym(s): (+)-*trans*-form

CAS Registry Number: 15963-37-8
Molecular Formula: C₇H₁₄O
Molecular Weight: 114.187
Accurate Mass: 114.104465
Percentage Composition: C 73.63%; H 12.36%; O 14.01%
Boiling Point: Bp₂₉ 78-79°
Optical Rotation: [α]_D +42.9 (c, 1 in MeOH)

>>**Derivative:** Acid phthalate

Physical Description: Cryst. (AcOH or C₆H₆)
Melting Point: Mp 77-78°
Optical Rotation: [α]_{Hg} +40.1 (C₆H₆)

>>**Variant:** (1*R**S*,2*R**S*)-form
Synonym(s): (±)-*trans*-form

CAS Registry Number: 615-39-4
Molecular Formula: C₇H₁₄O
Molecular Weight: 114.187
Accurate Mass: 114.104465
Percentage Composition: C 73.63%; H 12.36%; O 14.01%
Melting Point: Mp -9.5° (-3.7°)
Boiling Point: Bp 165°. Bp₂₀ 78-79°
Density: d₄²⁰ 0.934
Refractive Index: n_D²⁰ 1.4640
Other Data: In the early lit. called the *cis*-form (β-form)

>>**Derivative:** Acid phthalate

Melting Point: Mp 89-90°

>>**Derivative:** Ac

CAS Registry Number: 50539-19-0
Molecular Formula: C₉H₁₆O₂
Molecular Weight: 156.224
Accurate Mass: 156.11503
Percentage Composition: C 69.19%; H 10.32%; O 20.48%
Boiling Point: Bp₂₀ 79-80°

>>**Derivative:** 3,5-Dinitrobenzoyl

CAS Registry Number: 1161-14-4
Melting Point: Mp 99-100°

>>**Derivative:** Phenylurethane

Melting Point: Mp 93-94°

>>**Variant:** (1*R**S*,2*S**R*)-form
Synonym(s): (±)-*cis*-form

CAS Registry Number: 615-38-3
Extra CAS Registry Numbers(s): 7443-70-1
Molecular Formula: C₇H₁₄O
Molecular Weight: 114.187
Accurate Mass: 114.104465
Percentage Composition: C 73.63%; H 12.36%; O 14.01%
Melting Point: Mp -21.2°
Boiling Point: Bp 166.5°. Bp₂₀ 77-78°
Density: d