



Molecular Weight: 311.38
Accurate Mass: 311.152144
Percentage Composition: C 73.29%; H 6.80%; N 4.50%; O 15.41%
Physical Description: Needles (EtOH aq.)
Melting Point: Mp 117°
Optical Rotation: $[\alpha]_{\text{Hg}}^{21} +20.2$ (Py)

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

Synonym(s): L-form

CAS Registry Number: 2026-48-4
Molecular Formula: C₅H₁₃NO
Molecular Weight: 103.164
Accurate Mass: 103.099714
Percentage Composition: C 58.21%; H 12.70%; N 13.58%; O 15.51%
Use/Importance: Used for resolution of arene-chromium carbonyl complexes
Physical Description: Cryst.
Melting Point: Mp 31-32°
Boiling Point: Bp₁₁ 88°
Optical Rotation: $[\alpha]_{\text{D}}^{20} +15.6$ (EtOH)
Aldrich: 18670-8
Fluka: 94672
Sigma: V4127

>>**Derivative:** Hydrochloride

Physical Description: Plates (Me₂CO)
Melting Point: Mp 117-118°
Optical Rotation: $[\alpha]_{\text{D}}^{20} +14.25$ (H₂O)

>>**Derivative:** Dibenzoyl

Physical Description: Needles
Melting Point: Mp 117°
Optical Rotation: $[\alpha]_{\text{Hg}}^{20} -20.1$ (Py)