



CAS Registry Number: 23364-44-5
Molecular Formula: C₁₄H₁₅NO
Molecular Weight: 213.279
Accurate Mass: 213.115364
Percentage Composition: C 78.84%; H 7.09%; N 6.57%; O 7.50%
Physical Description: Cryst. (C₆H₆)
Melting Point: Mp 143°
Optical Rotation: [α]_D +10.4 (c, 2 in EtOH)
Aldrich: 33188-0
Fluka: 7932
Sigma: A7831

>>Derivative: Hydrochloride

Melting Point: Mp 212°
Optical Rotation: [α]_D +69.4 (c, 1 in H₂O)

>>Derivative: *N*-Ac

Molecular Formula: C₁₆H₁₇NO₂
Molecular Weight: 255.316
Percentage Composition: C 75.27%; H 6.71%; N 5.49%; O 12.53%
Melting Point: Mp 209-210°
Optical Rotation: [α]_D +11.8 (c, 0.75 in EtOH)

>>Derivative: *N,O*-Di-Ac

Molecular Formula: C₁₈H₁₉NO₃
Molecular Weight: 297.353
Percentage Composition: C 72.71%; H 6.44%; N 4.71%; O 16.14%
Physical Description: Cryst. (Me₂CO/EtOH)
Melting Point: Mp 231-232°
Optical Rotation: [α]_D +19.8 (c, 0.36 in EtOH)

>>Derivative: *N,N*-Di-Me

Molecular Formula: C₁₆H₁₉NO
Molecular Weight: 241.332
Percentage Composition: C 79.63%; H 7.94%; N 5.80%; O 6.63%
Physical Description: Needles (petrol)
Melting Point: Mp 83-84°
Optical Rotation: [α]_D +109.2

>>Variant: (1*RS*,2*RS*)-form

Synonym(s): (±)-*threo*-form

CAS Registry Number: 13286-63-0
Molecular Formula: C₁₄H₁₅NO
Molecular Weight: 213.279
Accurate Mass: 213.115364
Percentage Composition: C 78.84%; H 7.09%; N 6.57%; O 7.50%
Physical Description: Cryst. (C₆H₆)
Melting Point: Mp 130-131°

>>Derivative: Hydrochloride

Physical Description: Cryst. (Et₂O/EtOH)
Melting Point: Mp 258°

>>Derivative: *N*-Ac

CAS Registry Number: 7431-13-2
Molecular Formula: C₁₆H₁₇NO₂
Molecular Weight: 255.316
Percentage Composition: C 75.27%; H 6.71%; N 5.49%; O 12.53%
Physical Description: Cryst. (C₆H₆)
Melting Point: Mp 155°