



>>Variant: (S)-form

Synonym(s): L-form

CAS Registry Number: 595-40-4

Molecular Formula: C₅H₁₁NO₂

Molecular Weight: 117.147

Accurate Mass: 117.078979

Percentage Composition: C 51.26%; H 9.46%; N 11.96%; O 27.31%

Physical Description: Needles + 1H₂O

Optical Rotation: [α]_D²⁵ +10.7 (H₂O)

Other Data: Sublimes

>>Derivative: Hydrochloride (1:1)

CAS Registry Number: 43177-22-6

Physical Description: Cryst. (EtOH)

Melting Point: Mp 220 dec.°

>>Variant: (±)-form

CAS Registry Number: 595-39-1

Molecular Formula: C₅H₁₁NO₂

Molecular Weight: 117.147

Accurate Mass: 117.078979

Percentage Composition: C 51.26%; H 9.46%; N 11.96%; O 27.31%

Physical Description: Needles

Melting Point: Mp 315° (305°)

Boiling Point: Subl. 300°

Solubility: Sol. H₂O, spar. sol. EtOH

>>Derivative: Hydrochloride

CAS Registry Number: 72408-58-3

Melting Point: Mp 110-115 dec.°

>>Derivative: Et ester

Molecular Formula: C₇H₁₅NO₂

Molecular Weight: 145.201

Accurate Mass: 145.110279

Percentage Composition: C 57.90%; H 10.41%; N 9.65%; O 22.04%

Boiling Point: Bp₂₀ 65-66°