



>>Variant: (2*S*,3*S*)-form

Synonym(s): (+)-*erythro*-form

CAS Registry Number: 33511-70-5

Molecular Formula: C₆H₁₁NO₄

Molecular Weight: 161.157

Accurate Mass: 161.068809

Percentage Composition: C 44.72%; H 6.88%; N 8.69%; O 39.71%

Physical Description: Cryst. + 3H₂O

Melting Point: Mp 169-171°

Optical Rotation: $[\alpha]_D^{25} +42.8$ (c, 0.97 in 6*M* HCl)

>>Variant: (2*RS*,3*RS*)-form

Synonym(s): (±)-*erythro*-form

CAS Registry Number: 76318-75-7

Molecular Formula: C₆H₁₁NO₄

Molecular Weight: 161.157

Accurate Mass: 161.068809

Percentage Composition: C 44.72%; H 6.88%; N 8.69%; O 39.71%

Physical Description: Needles (H₂O)

Melting Point: Mp 172.5-173.5°

>>Variant: (2*RS*,3*SR*)-form

Synonym(s): (±)-*threo*-form

CAS Registry Number: 63088-04-0

Molecular Formula: C₆H₁₁NO₄

Molecular Weight: 161.157

Accurate Mass: 161.068809

Percentage Composition: C 44.72%; H 6.88%; N 8.69%; O 39.71%

Physical Description: Needles (EtOH aq.)

Melting Point: Mp 185-186°

References:

Mauger, A.B., *J.O.C.*, 1981, **46**, 1032

Suzuki, K. *et al.*, *Annalen*, 1992, 51, (*synth*)

Hartzoulakis, B. *et al.*, *J.C.S. Perkin I*, 1994, 2525, (*synth*, *pmr*, *cmr*)

Soloshonok, V.A. *et al.*, *Tetrahedron*, 1999, **55**, 12031-12044, (2*S*,3*S*-form, *synth*, *pmr*, *cmr*)