



Percentage Composition: C 55.50%; H 5.37%; N 4.98%; O 22.75%; S 11.40%

Physical Description: Cryst. (EtOAc/hexane)

Melting Point: Mp 106.5-107°

Optical Rotation: $[\alpha]_D^{20} -253.3$ (c, 1.0 in CHCl₃)

>>**Variant:** (±)-form

CAS Registry Number: 3395-35-5

Molecular Formula: C₅H₇NO₂

Molecular Weight: 113.116

Accurate Mass: 113.047679

Percentage Composition: C 53.09%; H 6.24%; N 12.38%; O 28.29%

Physical Description: Prisms (EtOH aq.)

Melting Point: Mp 236-237°

Aldrich: 86212-6

Fluka: 30900

Sigma: D0265

>>**Derivative:** Amide

CAS Registry Number: 5211-22-3

Physical Description: Needles (C₆H₆) which turn yellow on standing

Melting Point: Mp 95-96°

>>**Derivative:** Amide; hydrochloride

Physical Description: Needles (EtOH)

Melting Point: Mp 190-192 dec.°

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **1**, 888B; 888C, (*nmr*)

Johnson, L.F. *et al.*, *Aust. J. Chem.*, 1966, **19**, 115-134, (*pmr*)

Batterham, T.J. *et al.*, *Aust. J. Chem.*, 1969, **22**, 725-749, (*amide, pmr*)

Corbella, A. *et al.*, *Chem. Ind. (London)*, 1969, 583-584, (*synth*)

Bendetti, E. *et al.*, *Biopolymers*, 1981, **20**, 283-302, (*cryst struct*)

Rüeger, H. *et al.*, *Can. J. Chem.*, 1982, **60**, 2918-2920, (*synth, ir, pmr, cmr, ms*)

Goli, D.M. *et al.*, *Carbohydr. Res.*, 1994, **259**, 219-241, (*N-benzyloxycarbonyl Me ester, N-tosyl Me ester*)

Ishii, K. *et al.*, *Synlett*, 1999, 228-230, (*synth*)