



Physical Description: No phys. props. reported

>>**Variant:** (±)-form

CAS Registry Number: 616-06-8

Molecular Formula: C₆H₁₃NO₂

Molecular Weight: 131.174

Accurate Mass: 131.094629

Percentage Composition: C 54.94%; H 9.99%; N 10.68%; O 24.39%

Physical Description: Leaflets (H₂O)

Melting Point: Mp 297-300° (sealed tube)

Solubility: Spar. sol. H₂O

pKa Value: pK_{a1} 2.33; pK_{a2} 9.82 (25°)

Aldrich: 17109-3

Fluka: 74580

Sigma: N1398

>>**Derivative:** *N*-Ac

CAS Registry Number: 7682-16-8

Molecular Formula: C₈H₁₅NO₃

Molecular Weight: 173.211

Accurate Mass: 173.105194

Percentage Composition: C 55.47%; H 8.73%; N 8.09%; O 27.71%

Physical Description: Cryst. (H₂O)

Melting Point: Mp 104-105°

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

Molecular Formula: C₈H₁₇NO₂

Molecular Weight: 159.228

Accurate Mass: 159.125929

Percentage Composition: C 60.35%; H 10.76%; N 8.80%; O 20.10%

Physical Description: Needles (EtOAc)

Melting Point: Mp 161-162°

Solubility: Sol. EtOH, spar. sol. H₂O, EtOAc, insol. Et₂O

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **1**, 876B, (*nmr*)

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **1**, 576A; 576B; 576D, (*ir*)

Fischer, E. *et al.*, *Ber.*, 1901, **37**, 3764, (*resoln*)

Yaginuma, T., *Bull. Agric. Chem. Soc. Jpn.*, 1932, **8**, 51; *CA*, **26**, 5073, (*isol, resoln*)

Org. Synth., Coll. Vol., 1, 1932, 48, (*synth*)

Junk, G. *et al.*, *J.A.C.S.*, 1963, **85**, 839, (*ms*)

Gaffield, W., *Chem. Ind. (London)*, 1964, **33**, 1460, (*ord*)

Torii, K. *et al.*, *Acta Cryst. B*, 1973, **29**, 2799, (*cryst struct*)

Inagaki, T., *Biopolymers*, 1973, **12**, 1353, (*uv*)

MacDonald, J.C. *et al.*, *Can. J. Chem.*, 1976, **54**, 1226, (*cmr*)

Dalhus, B. *et al.*, *Acta Cryst. C*, 1996, **52**, 1761, (*cryst struct, (±)-form*)