



CAS Registry Number: 15715-58-9

Physical Description: Cryst. + 3H₂O

Melting Point: Mp 17 dec.°

Solubility: V. sol. H₂O, EtOH

>>**Derivative:** Acetate salt

CAS Registry Number: 5204-74-0

Physical Description: Liq.

Melting Point: Mp 162 dec.°

>>**Derivative:** N-Oxide

CAS Registry Number: 2687-45-8

Molecular Formula: C₆H₁₅NO

Molecular Weight: 117.191

Accurate Mass: 117.115364

Percentage Composition: C 61.49%; H 12.90%; N 11.95%; O 13.65%

Melting Point: Mp 165°

pKa Value: pK_a 5.13 (20°, H₂O)

Other Data: Hygroscopic

>>**Derivative:** N-Oxide; hydrochloride

Physical Description: Cryst. (EtOH)

Melting Point: Mp 154°

>>**Derivative:** N-Oxide; picrate

Physical Description: Cryst.

Melting Point: Mp 165°

References:

- Aldrich Library of FT-IR Spectra, 1st edn.*, 1985, **1**, 300A, (*ir*)
Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **1**, 481B; 482A; 605C, (*nmr*)
Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 384A, (*ir*)
Rakshit, J.N., *J.A.C.S.*, 1913, **35**, 1781, (*synth*)
Vogel, A.I., *J.C.S.*, 1948, 1825, (*props*)
Bachelet, M. *et al.*, *Bull. Soc. Chim. Fr.*, 1951, 554, (*carbonate, synth*)
Cope, A.C. *et al.*, *J.A.C.S.*, 1957, **79**, 964-965, (*N-oxide, props*)
Oswald, A.A. *et al.*, *J.O.C.*, 1963, **28**, 651-657, (*N-oxide*)
Hunter, S.H. *et al.*, *J.C.S.(A)*, 1968, 305-308, (*ir*)
Tananaiko, M.M. *et al.*, *Zh. Anal. Khim.*, 1969, **24**, 844, (*detn, Ti*)
Bravo, R. *et al.*, *Org. Magn. Reson.*, 1973, **5**, 357-360, (*nmr*)
Pliev, T.N. *et al.*, *Zh. Prikl. Spektrosk.*, 1973, **19**, 1075; *J. Appl. Spectrosc. (Engl. Transl.)*, 1973, **19**, 1620, (*ir, pmr*)
Sarneski, J.E. *et al.*, *Anal. Chem.*, 1975, **47**, 2116, (*cmr*)
Amoore, J.E. *et al.*, *J. Chem. Ecol.*, 1976, **2**, 49, (*anosmia*)
Fieser and Fieser's Reagents for Organic Synthesis, Wiley, 1979, **7**, 385, (*use*)
Baumstark, A.L. *et al.*, *Tet. Lett.*, 1981, **22**, 4591-4594, (*N-oxide*)
Bowen, R.D. *et al.*, *Org. Mass Spectrom.*, 1985, **20**, 331, (*ms*)
Kaczmarck, L. *et al.*, *Ber.*, 1992, **125**, 1965-1966, (*N-oxide*)
Haufe, G., *J. Prakt. Chem.*, 1996, **338**, 99, (*trihydrofluoride, use*)
Bretherick, L., *Handbook of Reactive Chemical Hazards*, 4th edn., Butterworths, 1990, 2415
Luxon, S.G., *Hazards in the Chemical Laboratory*, 5th edn., Royal Society of Chemistry, 1992, 1256
Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 8th edn., Van Nostrand Reinhold, 1992, TJO000