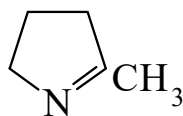




>>Entry Name: 3,4-Dihydro-5-methyl-2*H*-pyrrole, 9CI

Synonym(s): 2-Methyl-1-pyrroline, 8CI



CAS Registry Number: 872-32-2

Molecular Formula: C₅H₉N

Molecular Weight: 83.133

Accurate Mass: 83.073499

Percentage Composition: C 72.24%; H 10.91%; N 16.85%

Physical Description: Liq.

Boiling Point: Bp 103-105°

Aldrich: 38105-5

>>Derivative: Methyl perchlorate

CAS Registry Number: 2730-96-3

Physical Description: Cryst. (EtOH)

Melting Point: Mp 230 dec.°

>>Derivative: Picrate

Physical Description: Cryst. (C₆H₆)

Melting Point: Mp 122°

>>Derivative: *N*-Oxide

CAS Registry Number: 6931-10-8

Molecular Formula: C₅H₉NO

Molecular Weight: 99.132

Accurate Mass: 99.068414

Percentage Composition: C 60.58%; H 9.15%; N 14.13%; O 16.14%

Physical Description: Liq.

Boiling Point: Bp_{0.02} 56°

References:

Cervinka, O. *et al.*, *Coll. Czech. Chem. Comm.*, 1965, **30**, 1736, (*pmr*)

Etienne, A. *et al.*, *Bull. Soc. Chim. Fr.*, 1969, 3704, (*synth*)

Bielawski, J. *et al.*, *J. Het. Chem.*, 1978, **15**, 97, (*synth, pmr*)

Borg, R.M. *et al.*, *J.A.C.S.*, 1987, **109**, 2728, (*deriv, synth, pmr*)

Hua, D.H. *et al.*, *J.O.C.*, 1990, **55**, 3682, (*synth, ir, pmr, cmr*)

Sankuratri, N. *et al.*, *J.O.C.*, 1997, **62**, 1176-1178, (*N-oxide, synth, pmr, cmr*)