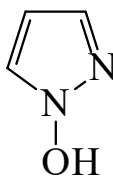




>>Entry Name: 1-Hydroxy-1*H*-pyrazole, 9CI



CAS Registry Number: 81945-73-5

Molecular Formula: C₃H₄N₂O

Molecular Weight: 84.077

Accurate Mass: 84.032363

Percentage Composition: C 42.86%; H 4.80%; N 33.32%; O 19.03%

Physical Description: Cryst. (EtOAc/cyclohexane)

Melting Point: Mp 75°

Solubility: Sol. H₂O

pKa Value: p*K*_a 6.3 (H₂O)

References:

Eur. Pat., 1983, 46 193; *CA*, **97**, 38928z, (*synth*)

U.S. Pat., 1985, 4 492 689; *CA*, **102**, 185279p, (*synth*)

Reuther, W. *et al.*, *Annalen*, 1995, 1563, (*synth, cryst struct, pmr, cmr*)

Begtrup, M. *et al.*, *J.C.S. Perkin 1*, 1995, 243, (*synth*)