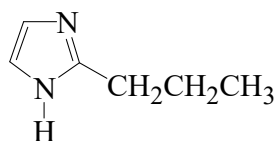




>>Entry Name: 2-Propyl-1*H*-imidazole, 9Cl, 8Cl



CAS Registry Number: 50995-95-4

Molecular Formula: C₆H₁₀N₂

Molecular Weight: 110.158

Accurate Mass: 110.084398

Percentage Composition: C 65.42%; H 9.15%; N 25.43%

Melting Point: Mp 62-63°

Boiling Point: Bp₁₅ 152-154°

Aldrich: 37537-3

>>Derivative: Oxalate (2:1)

Physical Description: Cryst. + 2H₂O (H₂O)

Melting Point: Mp 190-195° (anhyd.). Mp 159-161° (dihydrate)

Boiling Point: Subl. 170°

>>Derivative: *N*-Ac

Molecular Formula: C₈H₁₂N₂O

Molecular Weight: 152.196

Accurate Mass: 152.094963

Percentage Composition: C 63.13%; H 7.95%; N 18.41%; O 10.51%

Physical Description: Cryst. (EtOAc)

Melting Point: Mp 112-113°

References:

Langenbeck, W. *et al.*, *Annalen*, 1954, **585**, 68, (*synth*)

Lamattima, J.L. *et al.*, *J.O.C.*, 1983, **48**, 897, (*derivs*)

Permak, J. *et al.*, *Arch. Pharm. (Weinheim, Ger.)*, 1988, **321**, 193, (*derivs*)