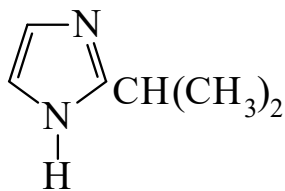




>>Entry Name: 2-Isopropylimidazole

Synonym(s): 2-(1-Methylethyl)-1*H*-imidazole, 9CI



CAS Registry Number: 36947-68-9

Molecular Formula: C₆H₁₀N₂

Molecular Weight: 110.158

Accurate Mass: 110.084398

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

Physical Description: Needles (H₂O)

Melting Point: Mp 129-131° (123°)

Boiling Point: Bp 256-260°

Solubility: Sol. hot H₂O

Other Data: Forms complexes with a variety of transition metals

Aldrich: 37399-0

>>Derivative: Hydrochloride

Physical Description: Deliquescent needles

Melting Point: Mp 105°

>>Derivative: Picrate

Physical Description: Cryst. (H₂O)

Melting Point: Mp 163°

References:

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

Begg, C.G. *et al.*, *Aust. J. Chem.*, 1973, **26**, 2435, (*synth, pmr, ms*)