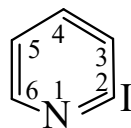




>>Entry Name: 2-Iodopyridine, 9CI



CAS Registry Number: 5029-67-4

Molecular Formula: C₅H₄IN

Molecular Weight: 204.998

Accurate Mass: 204.938847

Percentage Composition: C 29.30%; H 1.97%; I 61.91%; N 6.83%

Physical Description: Liq.

Boiling Point: Bp₁₃ 93°

Density: d²⁰ 1.97

pKa Value: pK_a 1.82 (25°, HCl aq.)

>>Derivative: Picrate

Melting Point: Mp 119-120°

>>Derivative: Methiodide

Physical Description: Cryst. (H₂O)

Melting Point: Mp 207 dec.°

References:

Baker, B.R. *et al.*, *J.O.C.*, 1955, **20**, 118, (*synth*)

de Villiers, P.A. *et al.*, *Rec. Trav. Chim. (J. R. Neth. Chem. Soc.)*, 1957, **76**, 647

Eweiss, N.F. *et al.*, *Synthesis*, 1977, 634, (*synth*)

Cook, I.B., *Aust. J. Chem.*, 1989, **42**, 1493, (*cmr*)