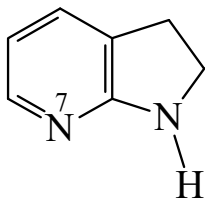




>>Entry Name: 2,3-Dihydro-1*H*-pyrrolo[2,3-*b*]pyridine, 9Cl

Synonym(s): 2,3-Dihydro-7-azaindole. 7-Azaindoline



CAS Registry Number: 10592-27-5

Molecular Formula: C₇H₈N₂

Molecular Weight: 120.154

Accurate Mass: 120.068748

Percentage Composition: C 69.97%; H 6.71%; N 23.31%

Physical Description: Orange cryst. (Et₂O/petrol)

Melting Point: Mp 83-85° (78°)

>>Derivative: Hydrochloride

Physical Description: Needles

Melting Point: Mp 212°

>>Derivative: Picrate

Physical Description: Yellow cryst. (C₆H₆)

Melting Point: Mp 224°

>>Derivative: 7-Oxide

Molecular Formula: C₇H₈N₂O

Molecular Weight: 136.153

Accurate Mass: 136.063663

Percentage Composition: C 61.75%; H 5.92%; N 20.57%; O 11.75%

Physical Description: Thick needles (EtOAc)

Melting Point: Mp 155-156°

References:

Kruber, O., *Ber.*, 1943, **76**, 128, (*synth*)

Robison, M.M. *et al.*, *J.A.C.S.*, 1957, **79**, 2573; 1959, **81**, 743, (*synth, struct, props*)

Taylor, E.C. *et al.*, *Tetrahedron*, 1987, **43**, 5145, (*synth, ir, pmr*)