



>>Entry Name: 5-Chloro-1*H*-indole-3-carboxaldehyde, 9CI

Synonym(s): 5-Chloro-3-formylindole

CAS Registry Number: 827-01-0

Structure by analogy with 2-Chloro-1*H*-indole-3-carboxaldehyde, [NTH44-M](#)

Molecular Formula: C₉H₆ClNO

Molecular Weight: 179.605

Accurate Mass: 179.013791

Percentage Composition: C 60.19%; H 3.37%; Cl 19.74%; N 7.80%; O 8.91%

Physical Description: Cryst.

Melting Point: Mp 215-216°

References:

Young, E.H.P., *J.C.S.*, 1958, 3493, (*synth*)

U.K. Pat., 1959, 807 875; *CA*, **53**, 12302f, (*synth*)

Colwell, W.T. *et al.*, *CA*, 1965, **62**, 11763, (*synth*)

Ohta, T. *et al.*, *Heterocycles*, 1987, **26**, 2817, (*synth*)