



>>Entry Name: **5-Chloro-2-iodoaniline**, 8Cl

Synonym(s): 5-Chloro-2-iodobenzenamine, 9Cl

CAS Registry Number: 6828-35-9

Structure by analogy with 2-Chloro-4-iodoaniline, [DWV03-G](#)

Molecular Formula: C₆H₅ClIN

Molecular Weight: 253.469

Accurate Mass: 252.915524

Percentage Composition: C 28.43%; H 1.99%; Cl 13.99%; I 50.07%; N 5.53%

Physical Description: Pale yellow solid

Melting Point: Mp 75-77°

>>Derivative: *N*-Ac

CAS Registry Number: 14091-36-2

Molecular Formula: C₈H₇ClINO

Molecular Weight: 295.507

Accurate Mass: 294.926089

Percentage Composition: C 32.52%; H 2.39%; Cl 12.00%; I 42.94%; N 4.74%; O 5.41%

Melting Point: Mp 180-180.5°

References:

Bunnett, J.F. *et al.*, *J.A.C.S.*, 1966, **88**, 5250-5254, (*synth*)

Di Fabio, R. *et al.*, *Can. J. Chem.*, 2000, **78**, 809-815, (*synth, ir, pmr*)