>>**Entry Name: 5-Amino-2-chlorophenol,** 9Cl

**CAS Registry Number:** 6358-06-1

**Molecular Formula:** $C_6H_6ClNO$
**Molecular Weight:** 143.572
**Accurate Mass:** 143.013791
**Percentage Composition:** C 50.19%; H 4.21%; Cl 24.69%; N 9.76%; O 11.14%
**Physical Description:** Needles (EtOH aq.)
**Melting Point:** Mp 158°

>>**Derivative:** Hydrochloride

**Physical Description:** Cryst. (EtOH/$Et_2O$)
**Melting Point:** Mp 170-200 dec.°

>>**Derivative:** Me ether
**Synonym(s):** 4-Chloro-3-methoxyaniline. 4-Chloro-*m*-anisidine. 3-Amino-6-chloroanisole

**CAS Registry Number:** 13726-14-2
**Molecular Formula:** $C_7H_8ClNO$
**Molecular Weight:** 157.599
**Accurate Mass:** 157.029441
**Percentage Composition:** C 53.35%; H 5.12%; Cl 22.50%; N 8.89%; O 10.15%
**Physical Description:** Needles
**Melting Point:** Mp 77°
**Other Data:** Steam-volatile

>>**Derivative:** Me ether; hydrochloride

**Melting Point:** Mp 265-266°

>>**Derivative:** Me ether, *N*-Ac
**Synonym(s):** 4-Chloro-*m*-acetanisidide. 3-Acetamido-6-chloroanisole

**CAS Registry Number:** 98446-55-0
**Molecular Formula:** $C_9H_{10}ClNO_2$
**Molecular Weight:** 199.636
**Accurate Mass:** 199.040006
**Percentage Composition:** C 54.15%; H 5.05%; Cl 17.76%; N 7.02%; O 16.03%
**Physical Description:** Needles ($H_2O$)
**Melting Point:** Mp 122°

**References:**


Crowther, A.F. *et al.*, *J.C.S.*, 1951, 1780, *(synth)*
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Bray, H.G. *et al.*, *Biochem. J.*, 1956, **64**, 38
Hughes, J.L. *et al.*, *J. Med. Chem.*, 1975, **18**, 1077