



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

CAS Registry Number: 6358-06-1

Molecular Formula: C₆H₆ClNO

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/Et₂O)

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: C₇H₈ClNO

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: C₉H₁₀ClNO₂

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 (H₂O)

Melting Point: Mp 122°

References:

Crowther, A.F. *et al.*, *J.C.S.*, 1951, 1780, (*synth*)

Benkeser, R.A. *et al.*, *J.A.C.S.*, 1953, **75**, 3196, (*synth*)

Bray, H.G. *et al.*, *Biochem. J.*, 1956, **64**, 38

Hughes, J.L. *et al.*, *J. Med. Chem.*, 1975, **18**, 1077