



>>Entry Name: 4-Amino-3-chlorophenol, 9Cl

CAS Registry Number: 17609-80-2

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 (H₂O or C₆H₆)

Melting Point: Mp 160°

Other Data: Steam-volatile

>>Derivative: Hydrochloride

CAS Registry Number: 52671-64-4

Melting Point: Mp 255 dec.°

Aldrich: 38574-3

Fluka: 23273

>>Derivative: *N*-Ac

Synonym(s): 2-Chloro-4-hydroxyacetanilide

Molecular Formula: C₈H₈ClNO₂

Molecular Weight: 185.609

Accurate Mass: 185.024356

Percentage Composition: C 51.77%; H 4.34%; Cl 19.10%; N 7.55%; O 17.24%

Physical Description: Prisms

Melting Point: Mp 121°

>>Derivative: *O,N*-Di-Ac

Molecular Formula: C₁₀H₁₀ClNO₃

Molecular Weight: 227.647

Accurate Mass: 227.034921

Percentage Composition: C 52.76%; H 4.43%; Cl 15.57%; N 6.15%; O 21.08%

Melting Point: Mp 130°

>>Derivative: Me ether

Synonym(s): 2-Chloro-4-methoxybenzenamine, 9Cl. 2-Chloro-4-methoxyaniline. 2-Chloro-*p*-anisidine. 4-Amino-3-chloroanisole

CAS Registry Number: 29242-84-0

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%

Boiling Point: Bp₃₁ 156°

>>Derivative: Me ether; hydrochloride

Physical Description: Needles

Melting Point: Mp 228°

>>Derivative: Me ether, *N*-Ac

Synonym(s): 2-Chloro-4-methoxyacetanilide. 2-Chloro-*p*-anisidide. 3-Chloro-4-acetamidoanisole

CAS Registry Number: 31601-42-0

Physical Description: Prisms (C₆H₆)

Melting Point: Mp 114°