



>>Entry Name: 2-Amino-4-chlorophenol, 9Cl

CAS Registry Number: 95-85-2

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: Plates (H₂O)

Melting Point: Mp 140-141°

Hazard & Toxicity: LD₅₀ (rat, orl) 690 mg/kg

Aldrich: C4440-0

Fluka: 7520

>>Derivative: Hydrochloride

CAS Registry Number: 5471-76-1

Physical Description: Prisms (EtOH)

Melting Point: Mp 258 dec.°

>>Derivative: O-Ac

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: Needles

Melting Point: Mp 73-74°

>>Derivative: O-Ac; hydrochloride

Melting Point: Mp 105-107°

>>Derivative: N-Ac

Synonym(s): N-(5-Chloro-2-hydroxyphenyl)acetamide, 9Cl. 5-Chloro-2-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%

Melting Point: Mp 185°

>>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%

Physical Description: Plates (C₆H₆)

Melting Point: Mp 173-175°

>>Derivative: O,N-Dibenzoyl

Melting Point: Mp 157-158°