



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

CAS Registry Number: 95-85-2

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: Plates ( $H_2O$ )

Melting Point: Mp 140-141°

Hazard & Toxicity: LD<sub>50</sub> (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:  $C_8H_8ClNO_2$

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:  $C_8H_8ClNO_2$

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:  $C_{10}H_{10}ClNO_3$

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 ( $C_6H_6$ )

Melting Point: Mp 173-175°

>>Derivative: *O,N*-Dibenzoyl

Melting Point: Mp 157-158°