



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

CAS Registry Number: 16026-77-0

Molecular Formula: C<sub>6</sub>H<sub>6</sub>ClNO

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: Unstable cryst. (C<sub>6</sub>H<sub>6</sub>)

Melting Point: Mp 151-152°

>>Derivative: *N*-Benzoyl

Molecular Formula: C<sub>13</sub>H<sub>10</sub>ClNO<sub>2</sub>

Molecular Weight: 247.68

Accurate Mass: 247.040006

Percentage Composition: C 63.04%; H 4.07%; Cl 14.31%; N 5.66%; O 12.92%

Physical Description: Needles (EtOH)

Melting Point: Mp 191-192°

>>Derivative: Me ether

Synonym(s): 2-Chloro-5-methoxybenzenamine, 9Cl. 2-Chloro-5-methoxyaniline. 6-Chloro-*m*-anisidine. 3-Amino-4-chloroanisole

CAS Registry Number: 2401-24-3

Molecular Formula: C<sub>7</sub>H<sub>8</sub>ClNO

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%

Melting Point: Mp 27°

Boiling Point: Bp<sub>18</sub> 140-145°

Aldrich: 15160-2

>>Derivative: Me ether; hydrochloride

Melting Point: Mp 208 dec.°

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

Synonym(s): 2-Chloro-5-methoxyacetanilide. 6-Chloro-*m*-anisidide. 3-Acetamido-4-chloroanisole

CAS Registry Number: 51488-87-0

Molecular Formula: C<sub>9</sub>H<sub>10</sub>ClNO<sub>2</sub>

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%

Melting Point: Mp 99°

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

Molecular Formula: C<sub>14</sub>H<sub>12</sub>ClNO<sub>2</sub>

Molecular Weight: 261.707

Accurate Mass: 261.055656

Percentage Composition: C 64.25%; H 4.62%; Cl 13.55%; N 5.35%; O 12.23%

Melting Point: Mp 106-107°

>>Derivative: Et ether

Synonym(s): 2-Chloro-5-ethoxyaniline. 6-Chloro-*m*-phenetidine

Molecular Formula: C<sub>8</sub>H<sub>10</sub>ClNO

Molecular Weight: 171.626

Accurate Mass: 171.045091

Percentage Composition: C 55.99%; H 5.87%; Cl 20.66%; N 8.16%; O 9.32%

Physical Description: Oil

Other Data: Steam-volatile