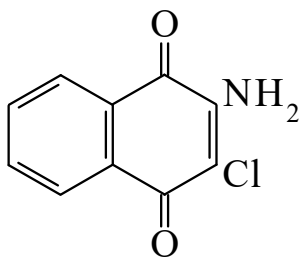




>>Entry Name: 2-Amino-3-chloro-1,4-naphthoquinone

Synonym(s): 2-Amino-3-chloro-1,4-naphthalenedione, 9Cl. Quinoclamine, BSI. ACN, JMAF‡. ACNQ. Mogeton



CAS Registry Number: 2797-51-5

Molecular Formula: C₁₀H₆ClNO₂

Molecular Weight: 207.616

Accurate Mass: 207.008706

Percentage Composition: C 57.85%; H 2.91%; Cl 17.08%; N 6.75%; O 15.41%

Use/Importance: Has been used in herbicides

Physical Description: Yellow-brown needles (AcOH)

Melting Point: Mp 196-198° (193°)

Hazard & Toxicity: LD₅₀ (rat, orl) 1360 mg/kg

Rare Chemicals Library: S6576-6

>>Derivative: N-Ac

CAS Registry Number: 5397-78-4

Molecular Formula: C₁₂H₈ClNO₃

Molecular Weight: 249.653

Accurate Mass: 249.019271

Percentage Composition: C 57.73%; H 3.23%; Cl 14.20%; N 5.61%; O 19.23%

Physical Description: Red-brown platelets or yellow powder

Melting Point: Mp 219°

Rare Chemicals Library: S80256-5

>>Derivative: N-Ph

Synonym(s): 3-Anilino-2-chloro-1,4-naphthoquinone

CAS Registry Number: 1090-16-0

Molecular Formula: C₁₆H₁₀ClNO₂

Molecular Weight: 283.713

Accurate Mass: 283.040006

Percentage Composition: C 67.74%; H 3.55%; Cl 12.50%; N 4.94%; O 11.28%

Melting Point: Mp 214-216°

Aldrich: 24832-0

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