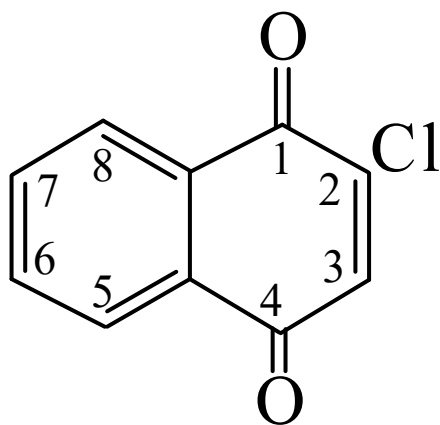




>>Entry Name: 2-Chloro-1,4-naphthoquinone

Synonym(s): 2-Chloro-1,4-naphthalenedione, 9Cl. 2-Chloro- α -naphthoquinone



CAS Registry Number: 1010-60-2

Molecular Formula: $C_{10}H_5ClO_2$

Molecular Weight: 192.601

Accurate Mass: 191.997807

Percentage Composition: C 62.36%; H 2.62%; Cl 18.41%; O 16.61%

Use/Importance: Has anthelmintic, bactericidal and fungicidal props.

Physical Description: Yellow needles (H_2O , MeOH, EtOH or AcOH aq.)

Melting Point: Mp 117° (112°)

Solubility: Sol. C_6H_6 , spar. sol. Et_2O

Rare Chemicals Library: S13847-9

>>Derivative: 4-Oxime

Synonym(s): 2-Chloro-4-nitroso-1-naphthol

CAS Registry Number: 38303-09-2

Molecular Formula: $C_{10}H_6ClNO_2$

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%

Physical Description: Yellowish needles (EtOH)

Melting Point: Mp 200 dec.°

Solubility: Sol. EtOH, AcOH

>>Derivative: 4-Oxime, Me ether

CAS Registry Number: 38303-14-9

Molecular Formula: $C_{11}H_8ClNO_2$

Molecular Weight: 221.642

Accurate Mass: 221.024356

Percentage Composition: C 59.61%; H 3.64%; Cl 16.00%; N 6.32%; O 14.44%

Physical Description: Yellow cryst.

Melting Point: Mp 128°

References:

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