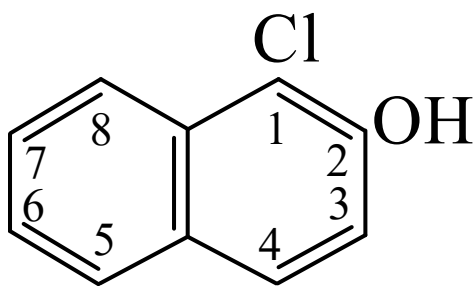




>>Entry Name: 1-Chloro-2-naphthol

Synonym(s): 1-Chloro-2-naphthalenol, 9Cl. α -Chloro- β -naphthol. 1-Chloro-2-hydroxynaphthalene



CAS Registry Number: 633-99-8

Molecular Formula: $C_{10}H_7ClO$

Molecular Weight: 178.617

Accurate Mass: 178.018542

Percentage Composition: C 67.24%; H 3.95%; Cl 19.85%; O 8.96%

Physical Description: Plates (H_2O), needles (petrol)

Melting Point: Mp 70°

Solubility: Spar. sol. H_2O

>>Derivative: Ac

Molecular Formula: $C_{12}H_9ClO_2$

Molecular Weight: 220.655

Accurate Mass: 220.029107

Percentage Composition: C 65.32%; H 4.11%; Cl 16.07%; O 14.50%

Physical Description: Cryst. (EtOH)

Melting Point: Mp $42-43^\circ$

>>Derivative: Me ether

Synonym(s): 1-Chloro-2-methoxynaphthalene

CAS Registry Number: 13101-92-3

Molecular Formula: $C_{11}H_9ClO$

Molecular Weight: 192.644

Accurate Mass: 192.034192

Percentage Composition: C 68.58%; H 4.71%; Cl 18.40%; O 8.31%

Physical Description: Pale-yellow plates (EtOH)

Melting Point: Mp $67-69^\circ$

>>Derivative: Et ether

Synonym(s): 1-Chloro-2-ethoxynaphthalene

Molecular Formula: $C_{12}H_{11}ClO$

Molecular Weight: 206.671

Accurate Mass: 206.049842

Percentage Composition: C 69.74%; H 5.36%; Cl 17.15%; O 7.74%

Physical Description: Leaflets (EtOH)

Melting Point: Mp 58°

References:

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