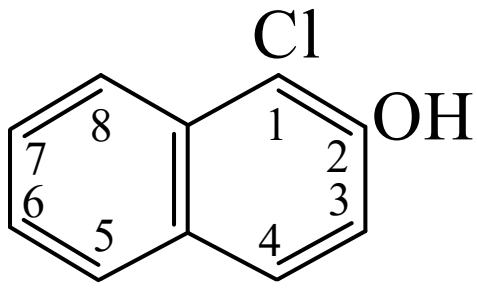
>>**Entry Name: 1-Chloro-2-naphthol**
Synonym(s): 1-Chloro-2-naphthalenol, 9Cl. α-Chloro-β-naphthol. 1-Chloro-2-hydroxynaphthalene



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°

>>**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°

>>**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:

Cleve, P.T.*, Ber.*, 1888, **21**, 895
Zincke, Th.*, Ber.*, 1888, **21**, 3384
Franzen, S.*, J. Prakt. Chem.*, 1921, **103**, 379
Neu, R.*, Ber.*, 1939, **72**, 1505; 1511, *(synth)*
Iksander, G.M.*, J.C.S.(C)*, 1970, 1701, *(synth)*
Chung, K.H. *et al.*, *Synth. Commun.*, 1990, **20**, 2991, *(synth)*