



>>Entry Name: 1,4-Dihydronaphthalene

Synonym(s): Δ^2 -Dialin

CAS Registry Number: 612-17-9

Structure by analogy with 1,2-Dihydronaphthalene, [FNM54-O](#)

Molecular Formula: C₁₀H₁₀

Molecular Weight: 130.189

Accurate Mass: 130.07825

Percentage Composition: C 92.26%; H 7.74%

Melting Point: Mp 25°. Mp 30°

Boiling Point: Bp₁₈ 96°

Other Data: Steam-volatile. Gives naphthalene at red heat

References:

Cook, E.S. *et al.*, *J.A.C.S.*, 1940, **62**, 1995, (*synth*)

Hückel, W. *et al.*, *Annalen*, 1965, **686**, 34, (*ir*)

Lehmkuhl, H., *Annalen*, 1969, **719**, 20, (*pmr*)