



>>Entry Name: 3,4-Dihydro-6-hydroxy-2(1H)-naphthalenone, 9CI

Synonym(s): 6-Hydroxy-2-tetralone

Structure by analogy with 3,4-Dihydro-5-hydroxy-2(1H)-naphthalenone, [KCT28-W](#)

Molecular Formula: C₁₀H₁₀O₂

Molecular Weight: 162.188

Accurate Mass: 162.06808

Percentage Composition: C 74.06%; H 6.21%; O 19.73%

>>Derivative: Me ether

Synonym(s): 6-Methoxy-2-tetralone

CAS Registry Number: 2472-22-2

Molecular Formula: C₁₁H₁₂O₂

Molecular Weight: 176.215

Accurate Mass: 176.08373

Percentage Composition: C 74.98%; H 6.86%; O 18.16%

Use/Importance: Intermed. for steroid synth

Physical Description: Cryst. (petrol)

Melting Point: Mp 34-35°. Mp 49°

Boiling Point: Bp_{0.2} 114-116°

Aldrich: 18406-3

>>Derivative: Me ether, semicarbazone

Melting Point: Mp 156-161°

References:

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Nelson, N.A. *et al.*, *J.A.C.S.*, 1960, **82**, 2573; 2577, (synth)

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