



>>Entry Name: 6-Acetyl-2-naphthol

Synonym(s): 1-(6-Hydroxy-2-naphthalenyl)ethanone, 9Cl. 6-Hydroxy-2-acetonaphthone, 8Cl. 2-Hydroxy-6-acetylnaphthalene

CAS Registry Number: 10441-41-5

Molecular Formula: C₁₂H₁₀O₂

Molecular Weight: 186.21

Accurate Mass: 186.06808

Percentage Composition: C 77.40%; H 5.41%; O 17.18%

Physical Description: Prisms (C₆H₆)

Melting Point: Mp 171°

Other Data: Yellow solns. in alkalis

>>Derivative: 4-Nitrophenylhydrazone

Melting Point: Mp 253-254°

>>Derivative: Semicarbazone

Physical Description: Cryst. (EtOH)

Melting Point: Mp 254-255°

>>Derivative: Ac

Molecular Formula: C₁₄H₁₂O₃

Molecular Weight: 228.247

Accurate Mass: 228.078645

Percentage Composition: C 73.67%; H 5.30%; O 21.03%

Physical Description: Needles (EtOH)

Melting Point: Mp 86-87°

>>Derivative: Benzoyl

Molecular Formula: C₁₉H₁₄O₃

Molecular Weight: 290.318

Accurate Mass: 290.094295

Percentage Composition: C 78.61%; H 4.86%; O 16.53%

Physical Description: Needles (EtOH)

Melting Point: Mp 277-278°

>>Derivative: Me ether

Synonym(s): 2-Acetyl-6-methoxynaphthalene

CAS Registry Number: 3900-45-6

Molecular Formula: C₁₃H₁₂O₂

Molecular Weight: 200.237

Accurate Mass: 200.08373

Percentage Composition: C 77.98%; H 6.04%; O 15.98%

Melting Point: Mp 106-107°

Aldrich: 39901-9

References:

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Joshi, G.G. *et al.*, *J. Indian Chem. Soc.*, 1952, **29**, 225

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