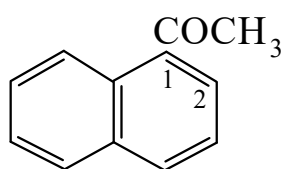




>>Entry Name: 1-Acetylnaphthalene

Synonym(s): 1-(1-Naphthyl)ethanone, 9CI. 1'-Acetonaphthone, 8CI. Methyl α -naphthyl ketone. Acetonaphthone



CAS Registry Number: 941-98-0

Molecular Formula: $C_{12}H_{10}O$

Molecular Weight: 170.21

Accurate Mass: 170.073165

Percentage Composition: C 84.68%; H 5.92%; O 9.40%

Use/Importance: Perfumery ingredient

Physical Description: Cryst.

Melting Point: Mp 34°

Boiling Point: Bp₁₅ 154-157°. Bp₆ 143-145°

pKa Value: pK_{a1} -5.41 (20°, H₂SO₄ aq.)

Hazard & Toxicity: Skin irritant. LD₅₀ (rat, orl) 1560 mg/kg

Aldrich: 27676-6

Fluka: 67990

Rare Chemicals Library: S87994-0

References:

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