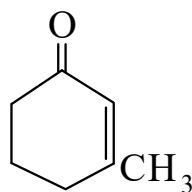




>>Entry Name: 3-Methyl-2-cyclohexen-1-one, 9CI

ENTRY UNDER REVIEW

Synonym(s): Seudenone. FEMA 3360



CAS Registry Number: 1193-18-6

Related CAS Registry Numbers(s): 88693-90-7

Molecular Formula: C₇H₁₀O

Molecular Weight: 110.155

Accurate Mass: 110.073165

Percentage Composition: C 76.33%; H 9.15%; O 14.52%

Biological Source: Pheromone of mountain pine beetle *Dendroctonus ponderosae*, Douglas fir beetle *Dendroctonus pseudotsugae* and several other bark beetles

Use/Importance: Douglas fir beetle repellant

Physical Description: Light-sensitive liq.

Melting Point: Mp -21°

Boiling Point: Bp 200-202°. Bp₁₂ 78-79°

Solubility: Misc. H₂O

Density: d²⁰ 0.97

Refractive Index: n_D²⁰ 1.4947

Other Data: Steam-volatile

Aldrich: M3910-5

Fluka: 66453

>>Derivative: Oxime

CAS Registry Number: 2607-95-6

Molecular Formula: C₇H₁₁NO

Molecular Weight: 125.17

Accurate Mass: 125.084064

Percentage Composition: C 67.17%; H 8.86%; N 11.19%; O 12.78%

Boiling Point: Bp₃ 93-95°

>>Derivative: 2,4-Dinitrophenylhydrazone

CAS Registry Number: 3234-76-2

Melting Point: Mp 177-178°

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