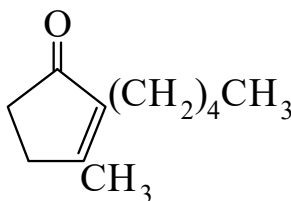




>>Entry Name: 3-Methyl-2-pentyl-2-cyclopentenone, 9CI

ENTRY UNDER REVIEW

Synonym(s): Dihydrojasmone. Tetrahydropyrethron. FEMA 3763



CAS Registry Number: 1128-08-1

Molecular Formula: C₁₁H₁₈O

Molecular Weight: 166.263

Accurate Mass: 166.135765

Percentage Composition: C 79.47%; H 10.91%; O 9.62%

Biological Source: Identified in bergamot orange oil (*Citrus bergamia*)

Use/Importance: Perfumery ingredient. Flavouring ingredient

Physical Description: Oil

Boiling Point: Bp₂₂ 140-147°. Bp₁₂ 115-117°

Density: d₄¹⁸ 0.917

Refractive Index: n_D²⁰ 1.4767

Hazard & Toxicity: Skin irritant. LD₅₀ (rat, orl) 2500 mg/kg

Aldrich: W37630-2

>>Derivative: Semicarbazone

Physical Description: Cryst. (C₆H₆)

Melting Point: Mp 177-178°

>>Derivative: 4-Nitrophenylhydrazone

Physical Description: Cryst. (MeOH)

Melting Point: Mp 118-119°

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