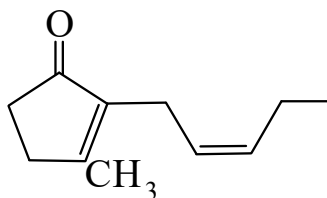




>>Entry Name: 3-Methyl-2-(2-pentenyl)-2-cyclopenten-1-one

ENTRY UNDER REVIEW

Synonym(s): Jasmone



CAS Registry Number: 68043-00-5

Related CAS Registry Numbers(s): 6261-18-3

Molecular Formula: C₁₁H₁₆O

Molecular Weight: 164.247

Accurate Mass: 164.120115

Percentage Composition: C 80.44%; H 9.82%; O 9.74%

>>Variant: (Z)-form

CAS Registry Number: 488-10-8

Molecular Formula: C₁₁H₁₆O

Molecular Weight: 164.247

Accurate Mass: 164.120115

Percentage Composition: C 80.44%; H 9.82%; O 9.74%

Biological Source: Occurs in orange and jasmin leaves. Also in peppermint oil, green tea and bergamot (*Citrus bergamia*)

Use/Importance: Perfumery ingredient

Physical Description: Oil

Boiling Point: Bp₁₂ 134-135°

Refractive Index: n_D²² 1.4979

Other Data: Low oral. tox

Aldrich: 27744-4

>>Derivative: Semicarbazone

Physical Description: Cryst. (MeOH or EtOH)

Melting Point: Mp 209.5-210°

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