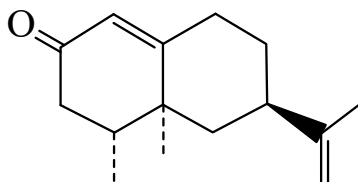




>>Entry Name: 1(10),11-Eremophiladien-2-one

ENTRY UNDER REVIEW

Synonym(s): Nootkatone. FEMA 3166



CAS Registry Number: 4674-50-4

Molecular Formula: C₁₅H₂₂O

Molecular Weight: 218.338

Accurate Mass: 218.167065

Percentage Composition: C 82.52%; H 10.16%; O 7.33%

Biological Source: Constit. of *Chamaecyparis nootkatensis*, grapefruit oil and juice

Use/Importance: Flavouring ingredient

Physical Description: Cryst. (petrol)

Melting Point: Mp 36-37°

Optical Rotation: $[\alpha]_D +195.5$ (c, 1.5 in CHCl₃)

Fluka: 74437

>>Derivative: Semicarbazone

Physical Description: Cryst.

Melting Point: Mp 195-197 dec.°

Optical Rotation: $[\alpha]_D +384$ (c, 0.5 in CHCl₃)

References:

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