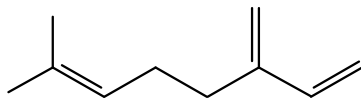




>>Entry Name: 7-Methyl-3-methylene-1,6-octadiene

ENTRY UNDER REVIEW

Synonym(s): Myrcene. β -Myrcene. FEMA 2762



CAS Registry Number: 123-35-3

Molecular Formula: $C_{10}H_{16}$

Molecular Weight: 136.236

Accurate Mass: 136.1252

Percentage Composition: C 88.16%; H 11.84%

Biological Source: Found in many essential oils, e.g. hop oil

Use/Importance: Flavouring agent

Physical Description: Oil

Boiling Point: Bp 116°. Bp_{8.5} 51-51.5°

UV: [neutral] $\lambda_{\max}$ 226 (ϵ 16100) (MeOH) (Berdy)

Hazard & Toxicity: Skin and eye irritant. LD₅₀ (rat, orl) >5000 mg/kg

Aldrich: M10000-5

Fluka: 70049

Sigma: M0382

Supelco: 48-2762

References:

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Vig, O.P. *et al.*, *Indian J. Chem.*, 1969, **7**, 450; 1975, **13**, 1244, (*synth*)

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