

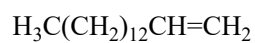


>>Entry Name: 1-Pentadecene, 9CI

ENTRY UNDER REVIEW

CAS Registry Number: 13360-61-7

Extra CAS Registry Numbers(s): 27251-68-9



Molecular Formula: C₁₅H₃₀

Molecular Weight: 210.402

Accurate Mass: 210.23475

Percentage Composition: C 85.63%; H 14.37%

Biological Source: Occurs in beef, oakmoss oleoresin and *Othonna* spp. Also a component of the defence secretion of the beetles *Adelum percatum* and *Adelum postulosum*.

Sex pheromone of the confused flour beetle *Tribolium confusum*

Use/Importance: Antineoplastic agent

Melting Point: Mp -2.8°

Boiling Point: Bp 268.2°. Bp₁₀ 133-137°

Calculated Log P Data: Log P 8.14 (uncertain value) (calc)

Aldrich: 22288-7

Fluka: 76570

Sigma: P4764

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **1**, 21A, (nmr)

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **1**, 15D, (ir)

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 20D, (ir)

Schmidt, A.W. *et al.*, *Ber.*, 1941, **74**, 1313

Vinnits'kii, O.M. *et al.*, *Neftekhimiya*, 1969, **9**, 767, (synth)

Keville, R. *et al.*, *J. Insect Physiol.*, 1975, **21**, 81