



>>Entry Name: 1-Heptadecene, 9CI

CAS Registry Number: 6765-39-5

Extra CAS Registry Numbers(s): 26266-05-7

$\text{H}_3\text{C}(\text{CH}_2)_{14}\text{CH}=\text{CH}_2$

Molecular Formula: $\text{C}_{17}\text{H}_{34}$

Molecular Weight: 238.456

Accurate Mass: 238.26605

Percentage Composition: C 85.63%; H 14.37%

Biological Source: Occurs in roots of *Cirsium japonicum* and *Centaurea scabiosa*. Constit. of the sex pheromone of the red flour beetle *Tribolium castaneum*

Melting Point: Mp 11.2°

Boiling Point: Bp 300°. Bp₁₀ 157°

Aldrich: 43290-3

Sigma: H5883

References:

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

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 21B, (*ir*)

Aldrich Library of Infrared Spectra, 3rd edn., 1981, 11H, (*ir*)

Kozacik, A.P. *et al.*, *J.A.C.S.*, 1938, **60**, 2436

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

Suzuki, T. *et al.*, *Agric. Biol. Chem.*, 1975, **39**, 2207, (*ir*, *pmr*, *uv*)

Anderson, A.B. *et al.*, *Phytochemistry*, 1977, **16**, 1829