



>>Entry Name: Heneicosane, 9CI

Synonym(s): Henicosane

CAS Registry Number: 629-94-7

$\text{H}_3\text{C}(\text{CH}_2)_{19}\text{CH}_3$

Molecular Formula: $\text{C}_{21}\text{H}_{44}$

Molecular Weight: 296.579

Accurate Mass: 296.3443

Percentage Composition: C 85.05%; H 14.95%

Biological Source: Common constit. of plant waxes. Constit. of female sex pheromone of *Hypsilpyla robusta*

Physical Description: Wax

Melting Point: Mp 40.5°

Boiling Point: Bp 356.5°. Bp₁₅ 215°. Bp_{0.05} 129°

Aldrich: 28605-2

Fluka: 51525

Sigma: H9754

Supelco: 44-2675

References:

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 6B, (ir)

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

Karrer, W. *et al.*, *Konstitution und Vorkommen der Organischen Pflanzenstoffe*, 2nd edn., Birkhäuser Verlag, Basel, 1972, no. 107, (occur)

Sevrin, M. *et al.*, *Tet. Lett.*, 1976, 2643, (synth)

Bosson, G.A. *et al.*, *C. R. Hebd. Seances Acad. Sci.*, 1982, **294**, 819, (isol)

Ohsawa, T. *et al.*, *Tet. Lett.*, 1985, **26**, 6103, (synth)

Yadav, J.S. *et al.*, *Synth. Commun.*, 1998, **28**, 4249-4255, (synth, pmr)