



>>Entry Name: Heptacosane, 9CI

CAS Registry Number: 593-49-7

$\text{H}_3\text{C}(\text{CH}_2)_{25}\text{CH}_3$

Molecular Formula: $\text{C}_{27}\text{H}_{56}$

Molecular Weight: 380.739

Accurate Mass: 380.4382

Percentage Composition: C 85.18%; H 14.82%

Biological Source: Constit. of tobacco oil and many waxes

Physical Description: Pearly leaflets (EtOAc)

Melting Point: Mp 59.5°

Boiling Point: Bp 422°. Bp₁₅ 270°

Solubility: Spar. sol. Et₂O, insol. EtOH

Aldrich: 28606-0

Fluka: 51560

Sigma: H0380

References:

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 7D, (*ir*)

Glund, W., *Ber.*, 1919, **52**, 1051

Lipp, A. *et al.*, *J. Prakt. Chem.*, 1919, **99**, 256

Karrer, W. *et al.*, *Konstitution und Vorkommen der Organischen Pflanzenstoffe*, 2nd edn., Birkhäuser Verlag, Basel, 1972, no. 14, (*occur*)