



>>Entry Name: Hentriacontane, 9CI

CAS Registry Number: 630-04-6

$\text{H}_3\text{C}(\text{CH}_2)_{29}\text{CH}_3$

Molecular Formula: $\text{C}_{31}\text{H}_{64}$

Molecular Weight: 436.847

Accurate Mass: 436.5008

Percentage Composition: C 85.23%; H 14.77%

Biological Source: Isol. from *Aleurites moluccana* leaves, occurs in Euphorbiaceae species. Constit. of many waxes.

Biological Use/Importance: Shows analgesic activity

Melting Point: Mp 68°

Boiling Point: Bp 458°. Bp₁₅ 302°

Fluka: 51529

References:

Heilbron, I.H. *et al.*, *J.C.S.*, 1934, 1573

Keller, A. *et al.*, *J. Polym. Sci., Polym. Phys. Ed.*, 1970, **8**, 19, (*synth, ir*)

Karrer, W. *et al.*, *Konstitution und Vorkommen der Organischen Pflanzenstoffe*, 2nd edn., Birkhäuser Verlag, Basel, 1972, no. 18, (*occur*)

Gnecco, S. *et al.*, *Bol. Soc. Chil. Quim.*, 1996, **41**, 229-233, (*occur*)

Meyre-silva, C. *et al.*, *Phytomedicine*, 1998, **5**, 109-113, (*activity*)