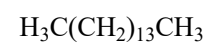




>>Entry Name: Pentadecane

CAS Registry Number: 629-62-9



Molecular Formula: $\text{C}_{15}\text{H}_{32}$

Molecular Weight: 212.418

Accurate Mass: 212.2504

Percentage Composition: C 84.82%; H 15.18%

Biological Source: Found in some plant oils and waxes

Melting Point: Mp 10°

Boiling Point: Bp 270°. Bp₁₀ 136°

Hazard & Toxicity: LD₅₀ (mus, ivn) 3494 mg/kg

Aldrich: P340-6

Fluka: 76509

Sigma: P7385

Supelco: 44-2700

References:

Aldrich Library of ¹³C and ¹H FT NMR Spectra, 1992, **1**, 4B, (nmr)

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **1**, 3D, (ir)

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 4D, (ir)

Vogel, A.I., *J.C.S.*, 1946, 137, (synth)

Bergmann, G. *et al.*, *Angew. Chem., Int. Ed.*, 1972, **11**, 1032, (cmr)

Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials, 8th edn.*, Van Nostrand Reinhold, 1992, PAY750