



>>Entry Name: Tetradecane

CAS Registry Number: 629-59-4

$\text{H}_3\text{C}(\text{CH}_2)_{12}\text{CH}_3$

Molecular Formula: $\text{C}_{14}\text{H}_{30}$

Molecular Weight: 198.391

Accurate Mass: 198.23475

Percentage Composition: C 84.76%; H 15.24%

Biological Source: Isol. from wood of *Manilkara bidentata*

Physical Description: Oil

Melting Point: Mp 5.9°

Boiling Point: Bp 253.7°. Bp₁₀ 121.9°

Hazard & Toxicity: Fl. p. 100°, autoignition temp. 200°

Aldrich: 17245-6

Fluka: 87140

Rare Chemicals Library: S55081-7

Sigma: T4633

Supelco: R42-1014

References:

Aldrich Library of ^{13}C and ^1H FT NMR Spectra, 1992, **1**, 4A, (nmr)

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

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

Krafft, F., *Ber.*, 1882, **15**, 1687; 1886, **19**, 2218, (synth)

Cocker, W. *et al.*, *J.C.S.*, 1963, 677, (isol)

Rodd's Chem. Carbon Compd. (2nd edn.), 1964, **1**, 357

Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 8th edn., Van Nostrand Reinhold, 1992, TBX750