

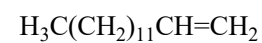


>>Entry Name: 1-Tetradecene

Synonym(s): Dialene 14

CAS Registry Number: 1120-36-1

Extra CAS Registry Numbers(s): 26952-13-6



Molecular Formula: C₁₄H₂₈

Molecular Weight: 196.375

Accurate Mass: 196.2191

Percentage Composition: C 85.63%; H 14.37%

Biological Source: Isol. from *Tribolium* spp.

Melting Point: Mp -12°

Boiling Point: Bp 251° (256°). Bp₁₅ 124.5-125°

Hazard & Toxicity: Fl. p. 103/110°, autoignition temp. 235°

Aldrich: T980-5

Fluka: 87189

Sigma: T4262

Supelco: 44-2278

>>Derivative: Dibromide

Synonym(s): 1,2-Dibromotetradecane

CAS Registry Number: 6064-45-5

Molecular Formula: C₁₄H₂₈Br₂

Molecular Weight: 356.183

Accurate Mass: 354.095772

Percentage Composition: C 47.21%; H 7.92%; Br 44.87%

Melting Point: Mp 0°

Boiling Point: Bp_{0.22} 140-156°

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **1**, 20C, (*nmr*)

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **1**, 15C, (*ir*)

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 20C, (*ir*)

Sadtler Standard C-13 NMR Spectra, 601

Sadtler Standard Infrared Spectra, 4536

Sadtler Standard NMR Spectra, 6751, (*pmr*)

Dupont, G. *et al.*, *C. R. Hebd. Seances Acad. Sci.*, 1958, **246**, 128, (*synth*)

Suzuki, T. *et al.*, *Agric. Biol. Chem.*, 1975, **39**, 2207, (*isol*)