



>>Entry Name: 7-Tetradecene, 9CI, 8CI

CAS Registry Number: 10374-74-0

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

H3C(CH2)5CH=CH(CH2)5CH3

Molecular Formula: C₁₄H₂₈

Molecular Weight: 196.375

Accurate Mass: 196.2191

Percentage Composition: C 85.63%; H 14.37%

Fluka: 87195

>>Variant: (E)-form

CAS Registry Number: 41446-63-3

Molecular Formula: C₁₄H₂₈

Molecular Weight: 196.375

Accurate Mass: 196.2191

Percentage Composition: C 85.63%; H 14.37%

Physical Description: Liq.

Boiling Point: Bp 250.2°

Aldrich: 22756-0

>>Variant: (Z)-form

CAS Registry Number: 41446-60-0

Molecular Formula: C₁₄H₂₈

Molecular Weight: 196.375

Accurate Mass: 196.2191

Percentage Composition: C 85.63%; H 14.37%

Physical Description: Liq.

Boiling Point: Bp 249.4°. Bp_{0.8} 75-76°

Refractive Index: n_D²⁰ 1.4399

References:

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Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 27C, (ir)

Sadtler Standard Infrared Spectra, 40362, (ir)

Sadtler Standard NMR Spectra, 9909, (pmr)

Janak, J., *Anal. Chem.*, 1973, **45**, 293, (chromatog)

Brown, H.C. *et al.*, *J.O.C.*, 1982, **47**, 3806; 3808; 1986, **26**, 5270; 1988, **53**, 239, (synth, pmr)

Julia, M. *et al.*, *Tet. Lett.*, 1982, **23**, 2457, (synth)

Polyakova, A.A. *et al.*, *Zh. Org. Khim.*, 1987, **23**, 1164, (ms)

Collazo, L.R. *et al.*, *J.O.C.*, 1993, **58**, 43, (synth, ir, pmr, cmr)