



>>Entry Name: 1-Pentadecyne, 9CI

CAS Registry Number: 765-13-9

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

Molecular Formula: $\text{C}_{15}\text{H}_{28}$

Molecular Weight: 208.386

Accurate Mass: 208.2191

Percentage Composition: C 86.46%; H 13.54%

Physical Description: Oil

Melting Point: Mp 15°

Boiling Point: Bp₃₀ 158°

Density: d_4^{20} 0.83

Refractive Index: n_D^{20} 1.4422

Fluka: 76575

References:

Ryden, L.L. *et al.*, *J.A.C.S.*, 1937, **59**, 1014, (*synth*)

Elsner, B.B. *et al.*, *J.C.S.*, 1951, 893, (*synth*)

Gigg, J. *et al.*, *J.C.S.(C)*, 1966, 1882, (*synth*)

Gal, A.E., *J. Labelled Compd.*, 1967, **3**, 112, (*synth, ir*)

Feldhues, M. *et al.*, *Tetrahedron*, 1985, **41**, 4213, (*synth, ir, pmr, ms*)