



>>Entry Name: 1-Dodecyne, 9CI, 8CI

CAS Registry Number: 765-03-7

$\text{H}_3\text{C}(\text{CH}_2)_9\text{C}\equiv\text{CH}$

Molecular Formula: $\text{C}_{12}\text{H}_{22}$

Molecular Weight: 166.306

Accurate Mass: 166.17215

Percentage Composition: C 86.67%; H 13.33%

Melting Point: Mp -19°

Boiling Point: Bp 215° . Bp₁₆ 100-102°

Density: d 0.78

Refractive Index: n_D^{20} 1.4351

Aldrich: 24440-6

References:

Malinovskii, M.S. *et al.*, *Zh. Obshch. Khim.*, 1963, **33**, 1086; *J. Gen. Chem. USSR (Engl. Transl.)*, 1963, **33**, 1073, (*synth*)

Rang, S. *et al.*, *J. Chromatogr.*, 1976, **119**, 451, (*glc*)

Barabas, A. *et al.*, *Tetrahedron*, 1978, **34**, 2191, (*cmr*)

Medlik-Balan, A. *et al.*, *Tetrahedron*, 1980, **36**, 299, (*synth*)

Kimmel, T. *et al.*, *J.O.C.*, 1984, **49**, 2494, (*synth*)

Bernassau, J.M. *et al.*, *Tetrahedron*, 1985, **41**, 3063, (*cmr*)