



>>Entry Name: 5-Chloro-1-pentyne

CAS Registry Number: 14267-92-6

HC#CCH2CH2CH2Cl

Molecular Formula: C₅H₇Cl

Molecular Weight: 102.563

Accurate Mass: 102.023627

Percentage Composition: C 58.55%; H 6.88%; Cl 34.57%

Physical Description: Liq.

Boiling Point: Bp₃₅₀ 88°. Bp₁₄₅ 67-69°

Density: d₄²⁰ 0.97

Refractive Index: n_D²⁰ 1.4450

Aldrich: 24437-6

Fluka: 25795

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **3**, 508B, (*nmr*)

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **2**, 934D, (*ir*)

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 1584D, (*ir*)

Henne, A.L. *et al.*, *J.A.C.S.*, 1945, **67**, 484, (*synth*)

Eglington, G. *et al.*, *J.C.S.*, 1950, 3650, (*synth*)

Militzer, H.-C. *et al.*, *Synthesis*, 1993, 998, (*synth*, *pmr*, *cmr*)

Scott, L.T. *et al.*, *J.A.C.S.*, 1994, **116**, 10275, (*synth*, *ir*, *pmr*, *cmr*)