



>>Entry Name: 3-Hexyne, 9CI

Synonym(s): Diethylacetylene

CAS Registry Number: 928-49-4

$\text{H}_3\text{CCH}_2\text{C}\equiv\text{CCH}_2\text{CH}_3$

Molecular Formula: C_6H_{10}

Molecular Weight: 82.145

Accurate Mass: 82.07825

Percentage Composition: C 87.73%; H 12.27%

Melting Point: Fp -105.53°

Boiling Point: Bp 81°

Aldrich: 30689-4

Fluka: 53081

References:

Aldrich Library of ^{13}C and ^1H FT NMR Spectra, 1992, **3**, 502B, (nmr)

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 1580D, (ir)

Lespieau, R. *et al.*, *Bull. Soc. Chim. Fr.*, 1929, **45**, 627

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

Pennella, F. *et al.*, *Chem. Comm.*, 1968, 1548, (synth)