



>>Entry Name: 2-Octyne, 9CI

Synonym(s): Methylpentylacetylene

CAS Registry Number: 2809-67-8

$\text{H}_3\text{C}(\text{CH}_2)_4\text{C}\equiv\text{CCH}_3$

Molecular Formula: C_8H_{14}

Molecular Weight: 110.199

Accurate Mass: 110.10955

Percentage Composition: C 87.20%; H 12.80%

Melting Point: Fp -61.6°

Boiling Point: Bp 138° . Bp₂₀ 38°

Density: d_4^{20} 0.76

Refractive Index: n_D^{20} 1.4278

Fluka: 74972

Rare Chemicals Library: S57283-7

References:

Jacobs, T.L., *Org. React. (N.Y.)*, 1949, **5**, 60, (*synth, bibl*)

Wojtkowiak, B., *Ann. Chim. (Paris)*, 1964, **9**, 5, (*synth, props*)

Vo Quang, L. *et al.*, *Bull. Soc. Chim. Fr.*, 1965, 1525, (*synth*)

Dorman, D.E. *et al.*, *J.O.C.*, 1973, **38**, 1026, (*cmr*)