



>>Entry Name: 3-Methyl-1-butyne, 9CI

Synonym(s): Isopropylacetylene

CAS Registry Number: 598-23-2

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

Molecular Formula: C_5H_8

Molecular Weight: 68.118

Accurate Mass: 68.0626

Percentage Composition: C 88.16%; H 11.84%

Melting Point: Mp -90°

Boiling Point: Bp 28°

Density: d^0 0.685

Refractive Index: n_D^{20} 1.3725

References:

Van Boom, J.H. *et al.*, *Rec. Trav. Chim. (J. R. Neth. Chem. Soc.)*, 1965, **84**, 31, (*synth*)

Crandall, J.K. *et al.*, *J.O.C.*, 1968, **33**, 3655, (*synth*)

Koster, R. *et al.*, *Annalen*, 1975, 2130, (*synth*)

Jäckel, K.-P. *et al.*, *Annalen*, 1975, 2305, (*synth*)

Sava, J.R. *et al.*, *Org. Prep. Proced. Int.*, 1975, **7**, 137, (*synth*)

Verkruijssse, H.D. *et al.*, *Synth. Commun.*, 1990, **20**, 3355, (*synth*)