



>>Entry Name: 3-Phenylpropyne

Synonym(s): 2-Propynylbenzene, 9CI

CAS Registry Number: 10147-11-2

PhCH₂C≡CH

Molecular Formula: C₉H₈

Molecular Weight: 116.162

Accurate Mass: 116.0626

Percentage Composition: C 93.06%; H 6.94%

Boiling Point: Bp₁₄ 74-76°. Bp₄ 55-56°

Refractive Index: n_D²⁰ 1.5273

Aldrich: 37684-1

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **3**, 531C, (*nmr*)

Folk, T.L. *et al.*, *J.O.C.*, 1967, **32**, 1674, (*synth*)

Meijer, J. *et al.*, *Rec. Trav. Chim. (J. R. Neth. Chem. Soc.)*, 1974, **93**, 183, (*synth*)

Mueller, C. *et al.*, *Chem. Ber.*, 1977, **110**, 124, (*synth*)

Colvin, E.W. *et al.*, *J.C.S. Perkin I*, 1977, 869, (*synth*)

Gilbert, J.C. *et al.*, *J.O.C.*, 1979, **44**, 4997, (*synth*)

Taherirastgar, F. *et al.*, *Synth. Commun.*, 1997, **27**, 4035-4040, (*synth*)