



>>Entry Name: 4-Phenyl-1-butyne, 8Cl

Synonym(s): 3-Butynylbenzene, 9Cl. β -Phenethylacetylene

CAS Registry Number: 16520-62-0

$\text{PhCH}_2\text{CH}_2\text{C}\equiv\text{CH}$

Molecular Formula: $\text{C}_{10}\text{H}_{10}$

Molecular Weight: 130.189

Accurate Mass: 130.07825

Percentage Composition: C 92.26%; H 7.74%

Boiling Point: Bp₇₅₈ 189-191°. Bp₁₅ 83°

References:

Kano, S. *et al.*, *J.O.C.*, 1978, **43**, 4366, (*synth*)

Dijkink, J. *et al.*, *Tetrahedron*, 1978, **34**, 173, (*synth*, *ir*, *pmr*)

Hommes, H. *et al.*, *Rec. Trav. Chim. (J. R. Neth. Chem. Soc.)*, 1980, **99**, 113, (*synth*)

Medlik-Balan, A. *et al.*, *Tetrahedron*, 1980, **36**, 299, (*synth*)

Ochiai, M. *et al.*, *Chem. Comm.*, 1985, 697, (*synth*)