



>>Entry Name: 1-Phenyl-1-pentyne, 8Cl

Synonym(s): 1-Pentynylbenzene, 9Cl

CAS Registry Number: 4250-81-1

$\text{PhC}\equiv\text{CCH}_2\text{CH}_2\text{CH}_3$

Molecular Formula: $\text{C}_{11}\text{H}_{12}$

Molecular Weight: 144.216

Accurate Mass: 144.0939

Percentage Composition: C 91.61%; H 8.39%

Physical Description: Liq.

Boiling Point: Bp 213-215°

Refractive Index: n_D^{20} 1.5413

Aldrich: 36010-4

References:

Aldrich Library of ^{13}C and ^1H FT NMR Spectra, 1992, **3**, 532B, (*nmr*)

Terasawa, M. *et al.*, *J. Organomet. Chem.*, 1978, **162**, 403, (*synth*)

Bartlett, P.A. *et al.*, *J.A.C.S.*, 1978, **100**, 4852, (*synth, ir, pmr, cmr*)