



>>Entry Name: Benzyl phenyl ether

Synonym(s): Phenoxymethylbenzene, 9CI

CAS Registry Number: 946-80-5

PhCH₂OPh

Molecular Formula: C₁₃H₁₂O

Molecular Weight: 184.237

Accurate Mass: 184.088815

Percentage Composition: C 84.75%; H 6.56%; O 8.68%

Physical Description: Leaflets (EtOH)

Melting Point: Mp 40°

Boiling Point: Bp 286-287°. Bp₄ 124-125°

Aldrich: 40428-4

Sigma: B6158

References:

Rowe, E.J. *et al.*, *J.O.C.*, 1958, **23**, 1622, (*synth*)

Kornblum, N. *et al.*, *J.A.C.S.*, 1959, **81**, 2705, (*synth*)

Ward, R.S. *et al.*, *J.A.C.S.*, 1969, **91**, 2727, (*ms*)

Selva, M. *et al.*, *J.C.S. Perkin 1*, 1995, 1889, (*synth, pmr*)