



>>Entry Name: **3-(Benzyloxy)phenol**

Synonym(s): 3-(Phenylmethoxy)phenol, gCl. Resorcinol benzyl ether. Benzyl *m*-hydroxyphenyl ether

CAS Registry Number: 3769-41-3

Molecular Formula: C₁₃H₁₂O₂

Molecular Weight: 200.237

Accurate Mass: 200.08373

Percentage Composition: C 77.98%; H 6.04%; O 15.98%

Physical Description: Needles (petrol)

Melting Point: Mp 52°

Boiling Point: Bp₁₁ 202-210°

>>Derivative: Benzoyl

Molecular Formula: C₂₀H₁₆O₃

Molecular Weight: 304.345

Accurate Mass: 304.109945

Percentage Composition: C 78.93%; H 5.30%; O 15.77%

Melting Point: Mp 81-82°

>>Derivative: Me ether

Synonym(s): 1-Methoxy-3-(phenylmethoxy)benzene. *m*-Benzyloxyanisole

CAS Registry Number: 21144-16-1

Molecular Formula: C₁₄H₁₄O₂

Molecular Weight: 214.263

Accurate Mass: 214.09938

Percentage Composition: C 78.48%; H 6.59%; O 14.93%

Melting Point: Mp 32°

Boiling Point: Bp₄ 166-168°. Bp_{0.2} 120-125°

References:

Freundenberg, K. *et al.*, *Annalen*, 1958, **612**, 78, (*synth*)

Fitton, A.O. *et al.*, *J.C.S.*, 1962, 4870, (*synth*)

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

Kametani, T. *et al.*, *J.C.S.(C)*, 1969, 4, (*deriv*)

Maleski, R.J. *et al.*, *Synth. Commun.*, 1995, **25**, 2327, (*synth*)