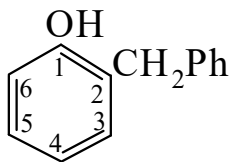




>>Entry Name: 2-Benzylphenol

Synonym(s): 2-(Phenylmethyl)phenol, 9CI. α -Phenyl-*o*-cresol, 8CI. 2-Hydroxydiphenylmethane



CAS Registry Number: 28994-41-4

Molecular Formula: C₁₃H₁₂O

Molecular Weight: 184.237

Accurate Mass: 184.088815

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

Use/Importance: Antioxidant, bactericide, fungicide

Physical Description: Liq.

Melting Point: Fp 10°

Boiling Point: Bp 312°. Bp₁₈ 175°

Other Data: Solid forms Mp 52° and 21° were reported but do not appear in the more recent lit.

Aldrich: 14252-2

Fluka: 13761

>>Derivative: Phenylurethane

Physical Description: Needles (petrol)

Melting Point: Mp 121°

>>Derivative: 2-Dimethylaminoethyl ether

see Phenyltoloxamine, [FDJ55-I](#)

>>Derivative: Me ether

Synonym(s): 1-Methoxy-2-(phenylmethyl)benzene, 9CI. *o*-Benzyanisole

CAS Registry Number: 883-90-9

Molecular Formula: C₁₄H₁₄O

Molecular Weight: 198.264

Accurate Mass: 198.104465

Percentage Composition: C 84.81%; H 7.12%; O 8.07%

Melting Point: Mp 39°

Boiling Point: Bp₁₁ 162°

References:

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