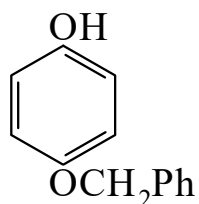




>>Entry Name: 4-(Benzyloxy)phenol

Synonym(s): 4-(Phenylmethoxy)phenol, 9CI. **Monobenzone**, INN, USAN. Agerite. Alba. Aloquin. Benoquin. Benzoquin. Carmifal. Depigman. Der-Albine. Dermochinona. Leucodinine‡. Pigmex



CAS Registry Number: 103-16-2

Molecular Formula: C₁₃H₁₂O₂

Molecular Weight: 200.237

Accurate Mass: 200.08373

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

Use/Importance: Depigmentor, bactericide

Melting Point: Mp 39-39.5°

Calculated Log P Data: Log P 3.34 (uncertain value) (calc)

Other Data: Banned from use in cosmetics (UK)

Hazard & Toxicity: Can cause skin irritation and sensitization. LD₅₀ (rat, ipr) 4500 mg/kg

Aldrich: 27293-0

Fluka: 54029

Rare Chemicals Library: S44083-3

>>Derivative: Ac

CAS Registry Number: 6311-66-6

Molecular Formula: C₁₅H₁₄O₃

Molecular Weight: 242.274

Accurate Mass: 242.094295

Percentage Composition: C 74.36%; H 5.82%; O 19.81%

Physical Description: Cryst. (CHCl₃/petrol)

Melting Point: Mp 104-107°

>>Derivative: Me ether

Synonym(s): 1-Methoxy-4-(phenylmethoxy)benzene, 9CI. *p*-Benzyloxylanisole

CAS Registry Number: 6630-18-8

Molecular Formula: C₁₄H₁₄O₂

Molecular Weight: 214.263

Accurate Mass: 214.09938

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

Physical Description: Cryst. (MeOH)

Melting Point: Mp 74°

Rare Chemicals Library: S35850-9

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