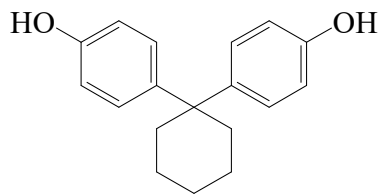




>>Entry Name: 1,1-Bis(4-hydroxyphenyl)cyclohexane

Synonym(s): 4,4'-Cyclohexylidenebisphenol, 9CI. Bisphenol Z



CAS Registry Number: 843-55-0

Related CAS Registry Numbers(s): 59709-80-7

Molecular Formula: C₁₈H₂₀O₂

Molecular Weight: 268.355

Accurate Mass: 268.14633

Percentage Composition: C 80.56%; H 7.51%; O 11.92%

Physical Description: Cryst. (H₂O or toluene)

Melting Point: Mp 187° (183.5-186°)

Aldrich: 45042-1

>>Derivative: Di-Ac

CAS Registry Number: 75016-05-6

Molecular Formula: C₂₂H₂₄O₄

Molecular Weight: 352.429

Accurate Mass: 352.16746

Percentage Composition: C 74.98%; H 6.86%; O 18.16%

Physical Description: Cryst. (EtOH)

Melting Point: Mp 124°

>>Derivative: Dibenzoyl

Molecular Formula: C₃₂H₂₈O₄

Molecular Weight: 476.571

Accurate Mass: 476.19876

Percentage Composition: C 80.65%; H 5.92%; O 13.43%

Physical Description: Cryst. (EtOH)

Melting Point: Mp 198°

>>Derivative: Bisphenylurethane

Melting Point: Mp 148°

>>Derivative: Di-Me ether

Synonym(s): 1,1-Bis(4-methoxyphenyl)cyclohexane

CAS Registry Number: 898-55-5

Molecular Formula: C₂₀H₂₄O₂

Molecular Weight: 296.408

Accurate Mass: 296.17763

Percentage Composition: C 81.04%; H 8.16%; O 10.80%

Physical Description: Cryst. (EtOH aq.)

Melting Point: Mp 82°

Boiling Point: Bp₁₆ 260-265°

References:

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