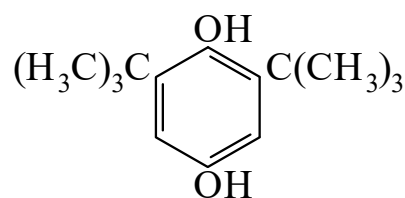




>>Entry Name: 2,6-Di-*tert*-butyl-1,4-benzenediol

Synonym(s): 2,6-Bis(1,1-dimethylethyl)-1,4-benzenediol, 9Cl. 2,6-Di-*tert*-butylhydroquinone



CAS Registry Number: 2444-28-2

Molecular Formula: C₁₄H₂₂O₂

Molecular Weight: 222.327

Accurate Mass: 222.16198

Percentage Composition: C 75.63%; H 9.97%; O 14.39%

Biological Source: Constit. of the roots of *Panax ginseng*

Biological Use/Importance: Antioxidant

Physical Description: Cryst. (petrol)

Melting Point: Mp 117-118°

Other Data: V. prob. a contaminant

>>Derivative: Di-Ac

CAS Registry Number: 739-92-4

Molecular Formula: C₁₈H₂₆O₄

Molecular Weight: 306.401

Accurate Mass: 306.18311

Percentage Composition: C 70.56%; H 8.55%; O 20.89%

Physical Description: Cryst.

Melting Point: Mp 102.5-103.5°

>>Derivative: 1-Me ether

Synonym(s): 3,5-Di-*tert*-butyl-4-methoxyphenol

CAS Registry Number: 24289-65-4

Molecular Formula: C₁₅H₂₄O₂

Molecular Weight: 236.353

Accurate Mass: 236.17763

Percentage Composition: C 76.23%; H 10.23%; O 13.54%

Physical Description: Cryst. (hexane)

Melting Point: Mp 91-93°

>>Derivative: 4-Me ether

Synonym(s): 2,6-Di-*tert*-butyl-4-methoxyphenol

CAS Registry Number: 489-01-0

Molecular Formula: C₁₅H₂₄O₂

Molecular Weight: 236.353

Accurate Mass: 236.17763

Percentage Composition: C 76.23%; H 10.23%; O 13.54%

Physical Description: Cryst. (petrol)

Melting Point: Mp 105-106°

Aldrich: 25106-2

Fluka: 34713

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