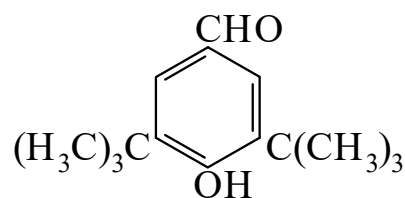




>>Entry Name: 3,5-Di-*tert*-butyl-4-hydroxybenzaldehyde

Synonym(s): 3,5-Bis(1,1-dimethylethyl)-4-hydroxybenzaldehyde, 9CI



CAS Registry Number: 1620-98-0

Molecular Formula: C₁₅H₂₂O₂

Molecular Weight: 234.338

Accurate Mass: 234.16198

Percentage Composition: C 76.88%; H 9.46%; O 13.66%

Physical Description: Cryst. (C₆H₆/hexane)

Melting Point: Mp 187-189°

Sigma: D3272

Other: PB D11721

>>Derivative: Oxime

Molecular Formula: C₁₅H₂₃NO₂

Molecular Weight: 249.352

Accurate Mass: 249.172879

Percentage Composition: C 72.25%; H 9.30%; N 5.62%; O 12.83%

Melting Point: Mp 131-132°

>>Derivative: 2,4-Dinitrophenylhydrazone

Melting Point: Mp 235-236°

References:

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Coffield, T.H. *et al.*, *J.A.C.S.*, 1957, **79**, 5019, (*synth*)

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Nikiforov, G.A. *et al.*, *CA*, 1961, **55**, 17564d, (*oxime*)

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