



>>Entry Name: **2,5-Di-*tert*-butylphenol**, 8CI

Synonym(s): 2,5-Bis(1,1-dimethylethyl)phenol, 9CI

CAS Registry Number: 5875-45-6

Molecular Formula: C₁₄H₂₂O

Molecular Weight: 206.327

Accurate Mass: 206.167065

Percentage Composition: C 81.50%; H 10.75%; O 7.75%

Physical Description: Needles (petrol)

Melting Point: Mp 119-120°

Rare Chemicals Library: S3780-0

>>Derivative: Ac

Molecular Formula: C₁₆H₂₄O₂

Molecular Weight: 248.364

Accurate Mass: 248.17763

Percentage Composition: C 77.38%; H 9.74%; O 12.88%

Melting Point: Mp 51-52°

References:

Carpenter, M.S. *et al.*, *J.O.C.*, 1951, **16**, 586, (*synth*)

Hart, H. *et al.*, *J.A.C.S.*, 1951, **73**, 4983, (*synth*)

Matsuura, T. *et al.*, *Tetrahedron*, 1973, **29**, 2981, (*synth*)