



>>Entry Name: 1,4-Di-*tert*-butylbenzene

Synonym(s): 1,4-Bis(1,1-dimethylethyl)benzene, 9CI

CAS Registry Number: 1012-72-2

Molecular Formula: C₁₄H₂₂

Molecular Weight: 190.328

Accurate Mass: 190.17215

Percentage Composition: C 88.35%; H 11.65%

Physical Description: Cryst. (2-propanol)

Melting Point: Mp 77.8-78.4°

Boiling Point: Bp 236°

Aldrich: 11335-2

Fluka: 34627

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **2**, 16A, (*nmr*)

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **1**, 940C, (*ir*)

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 860C, (*ir*)

Legge, D.I., *J.A.C.S.*, 1947, **69**, 2079, (*synth*)

Berger, S., *Tetrahedron*, 1976, **32**, 2451, (*cmr*)

Shapiro, B.L. *et al.*, *J. Phys. Chem. Ref. Data*, 1977, **6**, 919, (*pmr*)