



>>Entry Name: **1,3-Di-*tert*-butylbenzene**

Synonym(s): 1,3-Bis(1,1-dimethylethyl)benzene, 9CI

CAS Registry Number: 1014-60-4

Molecular Formula: C₁₄H₂₂

Molecular Weight: 190.328

Accurate Mass: 190.17215

Percentage Composition: C 88.35%; H 11.65%

Physical Description: Liq.

Boiling Point: Bp_{11.2} 101°. Bp_{2.5} 73°

Aldrich: 27205-1

References:

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

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 858D, (*ir*)

Pines, H. *et al.*, *J.A.C.S.*, 1949, **71**, 3798, (*synth, uv, ir*)

Gibbons, W.A. *et al.*, *Mol. Phys.*, 1965, **9**, 163, (*pmr*)

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

Fry, A.J. *et al.*, *Org. Prep. Proced. Int.*, 1991, **23**, 425, (*synth*)