



>>Entry Name: 4,4'-Di-*tert*-butylbiphenyl, 8Cl

Synonym(s): 4,4'-Bis(1,1-dimethylethyl)-1,1'-biphenyl, 9Cl

CAS Registry Number: 1625-91-8

Molecular Formula: C₂₀H₂₆

Molecular Weight: 266.425

Accurate Mass: 266.20345

Percentage Composition: C 90.16%; H 9.84%

Physical Description: Cryst. (MeOH)

Melting Point: Mp 128.6-129°

Aldrich: 19380-1

Fluka: 34626

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **2**, 35A, (*nmr*)

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 875A, (*ir*)

Aldrich Library of Infrared Spectra, 3rd edn., 1981, 573D, (*ir*)

Curtis, M.D. *et al.*, *J.A.C.S.*, 1965, **87**, 2554; 1967, **89**, 5150, (*synth, uv*)

Hasegawa, H. *et al.*, *Bull. Chem. Soc. Jpn.*, 1972, **45**, 1153, (*cmr*)

Tashiro, M. *et al.*, *J.O.C.*, 1979, **44**, 3037, (*synth*)

Bock, H. *et al.*, *Chem. Eur. J.*, 1995, **1**, 557, (*cryst struct*)