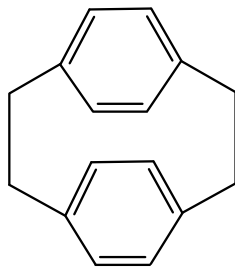




>>Entry Name: [2.2]Paracyclophane

Synonym(s): Tricyclo[8.2.2.2^{4,7}]hexadeca-4,6,10,12,13,15-hexaene, 9Cl. *p,p'*-Dimethylene-1,2-diphenylethane. Di-*p*-xylylene. [2.2](1,4)-Cyclophane



CAS Registry Number: 1633-22-3

Molecular Formula: C₁₆H₁₆

Molecular Weight: 208.302

Accurate Mass: 208.1252

Percentage Composition: C 92.26%; H 7.74%

Physical Description: Needles (AcOH)

Melting Point: Mp 285-287°

Aldrich: P22-5

Fluka: 76225

References:

- Aldrich Library of FT-IR Spectra, 1st edn.*, 1985, **1**, 940D, (*ir*)
Aldrich Library of ¹³C and ¹H FT NMR Spectra, 1992, **2**, 16C, (*nmr*)
Cram, D.J. *et al.*, *J.A.C.S.*, 1951, **73**, 5691, (*ir*)
Hope, H. *et al.*, *Acta Cryst. B*, 1972, **28**, 1733, (*struct*)
Brink, M., *Synthesis*, 1975, 807, (*synth*)
Kaplan, M.L. *et al.*, *Tet. Lett.*, 1976, 3665, (*synth*)
Jacobsen, N. *et al.*, *Angew. Chem.*, 1978, **90**, 49, (*pmr*)
Givens, R.S. *et al.*, *J.O.C.*, 1979, **44**, 1608, (*synth*)
Kleinschroth, J. *et al.*, *Angew. Chem., Int. Ed.*, 1982, **21**, 469, (*rev*)
Higuchi, H. *et al.*, *Bull. Chem. Soc. Jpn.*, 1987, **60**, 4027, (*synth*)
Yang, Z. *et al.*, *Helv. Chim. Acta*, 1987, **70**, 299, (*pe*)
Isaji, H. *et al.*, *Eur. J. Org. Chem.*, 2001, 2487-2499, (*synth, pmr*)