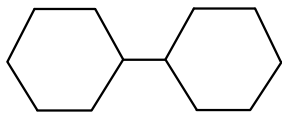




>>Entry Name: Bicyclohexyl, 9CI

Synonym(s): Dicyclohexyl. Dodecahydrobiphenyl. Perhydrobiphenyl. Cyclohexylcyclohexane



CAS Registry Number: 92-51-3

Molecular Formula: C₁₂H₂₂

Molecular Weight: 166.306

Accurate Mass: 166.17215

Percentage Composition: C 86.67%; H 13.33%

Physical Description: Liq.

Melting Point: Mp 4°

Boiling Point: Bp 238-239°. Bp₉ 99-100°

Hazard & Toxicity: Fl. p. 74°, autoignition temp. 245/256°

Aldrich: D7940-3

Fluka: 14356

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **1**, 53C, (nmr)

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **1**, 38A, (ir)

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 55C, (ir)

Brown, J.H. *et al.*, *J.A.C.S.*, 1936, **58**, 1594, (synth)

Hawkes, G.E. *et al.*, *J.C.S. Perkin 2*, 1976, 1709, (synth, spectra)

Sax, N.I., *Dangerous Properties of Industrial Materials, 5th edn.*, Van Nostrand Reinhold, 1979, 416