



>>Entry Name: 2,2',3,3',5,5',6,6'-Octafluorobiphenyl

CAS Registry Number: 3883-86-1

Molecular Formula: C₁₂H₂F₈

Molecular Weight: 298.135

Accurate Mass: 298.002874

Percentage Composition: C 48.34%; H 0.68%; F 50.98%

Melting Point: Mp 82-83.5°

Aldrich: 19663-0

References:

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **1**, 1022D, (*ir*)

Aldrich Library of ¹³C and ¹H FT NMR Spectra, 1992, **2**, 160B, (*nmr*)

Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 955D, (*ir*)

Yakobson, G.G. *et al.*, *Dokl. Akad. Nauk SSSR*, 1964, **159**, 1109-1112; *CA*, **62**, 9040c, (*synth*)

Cohen, S.C. *et al.*, *J. Organomet. Chem.*, 1966, **6**, 301-305, (*synth*)

Deacon, G.B. *et al.*, *Aust. J. Chem.*, 1978, **31**, 1709-1724, (*synth*, *F-19 nmr*)

Babudri, F. *et al.*, *Tetrahedron*, 1998, **54**, 14609-14616, (*synth*)