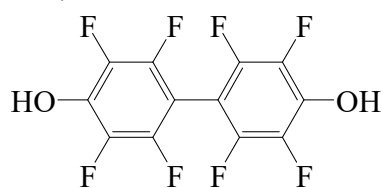




>>Entry Name: 2,2',3,3',5,5',6,6'-Octafluoro[1,1'-biphenyl]-4,4'-diol, 9Cl



CAS Registry Number: 2200-70-6

Related CAS Registry Numbers(s): 14900-75-5

Molecular Formula: C₁₂H₂F₈O₂

Molecular Weight: 330.134

Accurate Mass: 329.992704

Percentage Composition: C 43.66%; H 0.61%; F 46.04%; O 9.69%

Physical Description: Cryst. (C₆H₆)

Melting Point: Mp 198.5-199.5°

>>Derivative: Di-Me ether

Synonym(s): 2,2',3,3',5,5',6,6'-Octafluoro-4,4'-dimethoxybiphenyl

CAS Registry Number: 2200-71-7

Molecular Formula: C₁₄H₆F₈O₂

Molecular Weight: 358.187

Accurate Mass: 358.024004

Percentage Composition: C 46.95%; H 1.69%; F 42.43%; O 8.93%

Melting Point: Mp 86-88°

References:

Wall, L.A. *et al.*, *J. Res. Natl. Bur. Stand., Sect. A*, 1963, **67**, 481-497, (*di-Me ether, synth*)

Yakobson, G.G. *et al.*, *Dokl. Akad. Nauk SSSR, Ser. Khim.*, 1964, **159**, 1109-1112; *Dokl. Chem. (Engl. Transl.)*, 1964, **159**, 1347-1350, (*synth, ir, di Me ether*)

Buxton, M.W. *et al.*, *J. Fluorine Chem.*, 1973, **2**, 387-398, (*di-Na salt*)