



>>Entry Name: 2,2,3,3,4,4,5,5-Octafluoro-1,6-hexanediol

Synonym(s): Perfluoro-1,6-hexanediol

CAS Registry Number: 355-74-8

HOCH₂CF₂CF₂CF₂CF₂CH₂OH

Molecular Formula: C₆H₆F₈O₂

Molecular Weight: 262.099

Accurate Mass: 262.024004

Percentage Composition: C 27.50%; H 2.31%; F 57.99%; O 12.21%

Physical Description: Tan solid

Melting Point: Mp 67-70°

Boiling Point: Bp₃ 100°

Aldrich: 40642-2

Fluka: 74785

Sigma: O8632

>>Derivative: Bis(4-methylbenzenesulfonyl)

CAS Registry Number: 58191-47-2

Physical Description: Solid

Melting Point: Mp 134-136°

References:

McBee, E.T. *et al.*, *J.A.C.S.*, 1952, **74**, 444, (*synth*)

Greenwald, R.B. *et al.*, *J.O.C.*, 1976, **41**, 1469; 1470, (*synth*)

Mikisheva, L.I. *et al.*, *CA*, 1981, **95**, 132219z, (*synth*)