



>>Entry Name: **1,1,1,3,3,3-Hexafluoro-2-methyl-2-propanol**, 9Cl, 8Cl

Synonym(s): 1,1-Bis(trifluoromethyl)ethanol. Hexafluoro-2-methylisopropanol

CAS Registry Number: 1515-14-6

H3CC(CF3)2OH

Molecular Formula: C4H4F6O

Molecular Weight: 182.065

Accurate Mass: 182.016633

Percentage Composition: C 26.39%; H 2.21%; F 62.61%; O 8.79%

Boiling Point: Bp 60°

Refractive Index: n_D^{20} 1.2970

Aldrich: 44401-4

>>Derivative: Trifluoroacetyl

CAS Registry Number: 42031-16-3

Molecular Formula: C6H3F9O2

Molecular Weight: 278.074

Accurate Mass: 277.998932

Percentage Composition: C 25.92%; H 1.09%; F 61.49%; O 11.51%

Melting Point: Mp 65°

References:

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Howard, E.G. *et al.*, *J.A.C.S.*, 1967, **89**, 1422, (*synth, F-19 nmr, pmr*)

Majid, A. *et al.*, *J.O.C.*, 1973, **38**, 4028, (*deriv, synth, ms, ir, pmr, F-19 nmr*)

Walker, N. *et al.*, *J. Magn. Reson.*, 1979, **34**, 295, (*cmr*)