



>>Entry Name: 2,2,3,3,4,4,5,5-Octafluoro-1-pentanol, 9CI

CAS Registry Number: 355-80-6

F2CHCF2CF2CF2CH2OH

Molecular Formula: $C_5H_4F_8O$

Molecular Weight: 232.073

Accurate Mass: 232.013439

Percentage Composition: C 25.88%; H 1.74%; F 65.49%; O 6.89%

Boiling Point: Bp 141-142°

Density: d_4^{20} 1.67

Refractive Index: n_D^{20} 1.3178

>>Derivative: Ac

CAS Registry Number: 1422-69-1

Molecular Formula: $C_7H_6F_8O_2$

Molecular Weight: 274.11

Accurate Mass: 274.024004

Percentage Composition: C 30.67%; H 2.21%; F 55.45%; O 11.67%

Boiling Point: Bp₇₄₇ 155-157°

References:

U.S. Pat., 1951, 2 559 628; *CA*, **46**, 3063c, (*synth, Ac*)

Herbstein, F.H. *et al.*, *Inorg. Chem.*, 1964, **3**, 894-896, (*pmr*)

McCarthy, E.R. *et al.*, *J.O.C.*, 1966, **31**, 2042-2045, (*ms*)

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