>>**Entry Name: 2,2,3,3,4,4,4-Heptafluoro-1-butanol,** 9Cl
Synonym(s): 1,1-Dihydroperfluorobutanol

CAS Registry Number: 375-01-9
$F_3CCF_2CF_2CH_2OH$

Molecular Formula: $C_4H_3F_7O$
Molecular Weight: 200.056
Accurate Mass: 200.007211
Percentage Composition: C 24.02%; H 1.51%; F 66.48%; O 8.00%
Boiling Point: Bp 95°
Density: d_4^{20}1.6
Hazard & Toxicity: LD_{50} (rat,orl) 3630 mg/kg

Aldrich: H160-4
Fluka: 51693

>>**Derivative:** 4-Methylbenzenesulfonyl

Physical Description: Cryst. (petrol)
Melting Point: Mp 30-30.5°

>>**Derivative:** 2-Propenoyl

>>**Derivative:** 2-Methylpropenoyl

References:

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **1**, 179B, *(ir)*
Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **1**, 276B, *(nmr)*
Aldrich Library of FT-IR Spectra: Vapor Phase, 1989, **3**, 257C, *(ir)*
Tiers, G.V.D. *et al.*, *J.A.C.S.*, 1953, **75**, 5978, *(synth)*
Ger. Pat., 1971, 1 944 381; *CA*, **74**, 111551c