



>>Entry Name: 2,2,3,4,4,4-Hexafluoro-1-butanol

CAS Registry Number: 382-31-0

Related CAS Registry Numbers(s): 36405-47-7 54052-90-3

F3CCHFCF2CH2OH

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 160° (104-105°). Bp₇₄₀ 114°

Refractive Index: n_D²⁵ 1.3115

Aldrich: 37195-5

Fluka: 52509

>>Derivative: Ac

CAS Registry Number: 60417-68-7

Molecular Formula: C₆H₆F₆O₂

Molecular Weight: 224.103

Accurate Mass: 224.027198

Percentage Composition: C 32.16%; H 2.70%; F 50.87%; O 14.28%

Boiling Point: Bp 134°

References:

LaZerte, J. *et al.*, *J.A.C.S.*, 1955, **77**, 910, (*synth*)

Sianesi, D. *et al.*, *Ann. Chim. (Rome)*, 1965, **55**, 872, (*synth*)

Muramatsu, H. *et al.*, *Bull. Chem. Soc. Jpn.*, 1967, **40**, 903, (*synth*)

Chambers, R.D. *et al.*, *J.C.S. Perkin 1*, 1985, 2209, (*Ac, pmr*)