



>>Entry Name: 3,3,3-Trifluoro-1-propanol

CAS Registry Number: 2240-88-2

F3CCH2CH2OH

Molecular Formula: C3H5F3O

Molecular Weight: 114.067

Accurate Mass: 114.029249

Percentage Composition: C 31.59%; H 4.42%; F 49.97%; O 14.03%

Boiling Point: Bp 100°

Density: d_4^{28} 1.29

Refractive Index: n_D^{28} 1.3200

Aldrich: 46054-0

Other: Oakwood 1557

>>Derivative: Ac

CAS Registry Number: 407-63-6

Molecular Formula: C5H7F3O2

Molecular Weight: 156.104

Accurate Mass: 156.039814

Percentage Composition: C 38.47%; H 4.52%; F 36.51%; O 20.50%

Boiling Point: Bp 113°

Refractive Index: n_D^{20} 1.3410

References:

McBee, E.T. *et al.*, *J.A.C.S.*, 1948, **70**, 2910-2911, (*synth*)

Henne, A.L. *et al.*, *J.A.C.S.*, 1952, **74**, 1426-1428, (*Ac*)

Haszeldine, R.N. *et al.*, *J.C.S.*, 1954, 1273-1279, (*synth*)

Marstokk, K.-M. *et al.*, *Acta Chem. Scand.*, 1999, **53**, 202-208, (*microwave, struct*)