



>>Entry Name: 4,4,4-Trifluoro-1-butanol

CAS Registry Number: 461-18-7

F3CCH2CH2CH2OH

Molecular Formula: C4H7F3O

Molecular Weight: 128.094

Accurate Mass: 128.044899

Percentage Composition: C 37.51%; H 5.51%; F 44.49%; O 12.49%

Boiling Point: Bp 123-125°

Refractive Index: n_D^{20} 1.3516 n_D^{20} 1.3410

>>Derivative: 4-Nitrobenzoyl

Melting Point: Mp 47.5-48°

>>Derivative: 3,5-Dinitrobenzoyl

Melting Point: Mp 86.5-97°

References:

McBee, E.T., *J.A.C.S.*, 1950, **72**, 5071, (*synth*)

Walborsky, H.M. *et al.*, *J.A.C.S.*, 1955, **77**, 3637, (*synth*)

Gavlin, G. *et al.*, *J.O.C.*, 1956, **21**, 1342, (*synth*)