



>>Entry Name: 2-Fluoro-2-methyl-1-propanol, 9CI

CAS Registry Number: 3109-99-7

$(\text{H}_3\text{C})_2\text{CFCH}_2\text{OH}$

Molecular Formula: $\text{C}_4\text{H}_9\text{FO}$

Molecular Weight: 92.113

Accurate Mass: 92.063743

Percentage Composition: C 52.16%; H 9.85%; F 20.63%; O 17.37%

Physical Description: Liq.

Boiling Point: Bp 116-118°

Refractive Index: n_D^{20} 1.3975

>>Derivative: Ac

Molecular Formula: $\text{C}_6\text{H}_{11}\text{FO}_2$

Molecular Weight: 134.15

Accurate Mass: 134.074308

Percentage Composition: C 53.72%; H 8.26%; F 14.16%; O 23.85%

Physical Description: Liq.

Boiling Point: Bp₁₀ 58-59°

Refractive Index: n_D^{20} 1.3863

References:

Farges, G. *et al.*, *Bull. Soc. Chim. Fr.*, 1963, 51, (*synth*)

Wiechert, K. *et al.*, *Z. Chem.*, 1965, **5**, 380, (*synth*)

Limat, D. *et al.*, *Annalen*, 1995, 849, (*Ac*)