

1309
MW

C₃H₇FO

2-Fluoro-1-propanol

C₁
H₃C–CHF–CH₂–OH

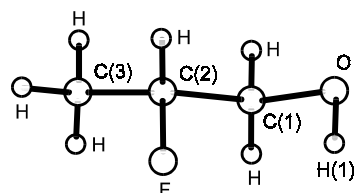
r_0	Å ^{a)}	θ_0	deg ^{a)}
C–F	1.395 ^{a)}	F–C–C	109.7 ^{a)}
C–O	1.411 ^{a)}	C–O–H	101(4)
C(1)–C(2)	1.503 ^{a)}	C–C–C	112.4 ^{a)}
C(2)–C(3)	1.505 ^{a)}	C–C–H	111.0 ^{a)}
O–H	0.966 ^{a)}	C–C–O	112.0 ^{a)}
C–H	1.093 ^{a)}	τ_1 ^{b)}	65(2)
		τ_2 ^{c)}	65(3)

Atom	$ a_s $ [Å]	$ b_s $ [Å]	$ c_s $ [Å]
H(1)	1.845	0.831	1.372

^{a)} Assumed.

^{b)} Dihedral angle O–C–C–F from *syn*.

^{c)} Dihedral angle H–O–C–C from *syn*.



Braathen, O.A., Marstokk, K.-M., Møllendal, H.: Acta Chem. Scand. **A 36** (1982) 173.