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ED

C₄H₇F₃O

1,1,1-Trifluoro-2-methyl-2-propanol

C_s
HOC(CF₃)(CH₃)₂

r_a	\AA^a	θ_a	deg ^{a)}
C–O	1.420(19)	O–C–C	109.1(9)
C–C	1.535(7)	C–C–F	111.3(7)
C–F	1.351(5)	C–C–H	111.9(18)
C–H	1.110(18)	C–O–H	108.0 ^{b)}
O–H	1.014 ^{b)}		

Local C_{3v} symmetry was assumed for the CH₃, CF₃ and C₃C groups. The CF₃ and CH₃ groups were fixed in the staggered conformation.

The nozzle temperature was 100 °C.

^{a)} Three times the estimated standard errors.

^{b)} Assumed.

Belyakov, A.V., Volden, G.V.: Zh. Obshch. Khim. **65** (1995) 491; Russ. J. Gen. Chem. (Engl. Transl.) **65** (1995) 434.

