

1238  
MW

**C<sub>3</sub>H<sub>6</sub>ClF**

**2-Chloro-2-fluoropropane**

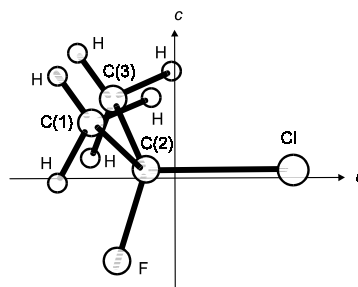
**C<sub>s</sub>**  
H<sub>3</sub>C–CClF–CH<sub>3</sub>

$r_0$	Å	$\theta_0$	deg
C–C	1.526(1)	C–C–C	113.7 <sup>a</sup>
C–F	1.387(1)	C–C–F	107.5(1)
C–Cl	1.775 <sup>a</sup>	C–C–Cl	110.1(1)
C–H	1.084(5)	F–C–Cl	107.8(1)
C...C	2.554	C–C–H	109.5(3)

$r_s$	Å
C–Cl	1.775(7)
C...C	2.551

Atom	$a_s$ [Å]	$b_s$ [Å]	$c_s$ [Å]
Cl	1.3857	0.00	0.0068
C(1)	–0.8948	1.2745	0.7154
C(2)	–0.3882	0.00	0.00

<sup>a</sup>) Fixed.



Takeo, H., Sugie, M., Matsumura, C.: J. Mol. Struct. **352/353** (1995) 267.