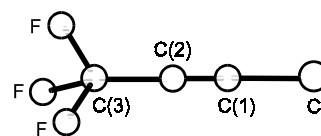


996
MW

C_3ClF_3

1-Chloro-3,3,3-trifluoropropyne

C_{3v}
 $\text{F}_3\text{C}-\text{C}\equiv\text{C}-\text{Cl}$



r_s	\AA
C-Cl	1.629(6)
C(1)...C(3)	2.647(4)

r_0	\AA	θ_0	deg
C(3)-C(2)	1.453(10)	F-C-F	107.0 ^{a)}
C(2) \equiv C(1)	1.199(15)		
C-F	1.336(15)		

Atom	a_s [\AA]
C(3)	-1.374
C(1)	1.273
Cl	2.902

^{a)} Assumed.

Bjørseth, A., Marstokk, K.M.: J. Mol. Struct. **13** (1972) 191.