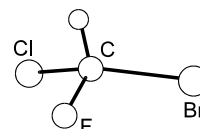


62 MW, IR	CHBrClF		Bromochlorofluoromethane		C ₁ CHBrClF
	r_0	Å	θ_0	deg	
	C–H	1.088 ^{a)}	H–C–F	108.8 ^{a)}	
	C–F	1.3558(74)	H–C–Cl	108.5 ^{a)}	
	C–Cl	1.745(23)	H–C–Br	108.5 ^{a)}	
	C–Br	1.928(18)	F–C–Cl	109.93(12)	
			F–C–Br	108.95(13)	
			Cl–C–Br ^{b)}	112.09(18)	

A chiral molecule.

^{a)} Assumed.

^{b)} Dependent parameter.



Bauder, A., Beil, A., Luckhaus, D., Müller, F., Quack, M.: J. Chem. Phys. **106** (1997) 7558.

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