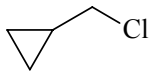
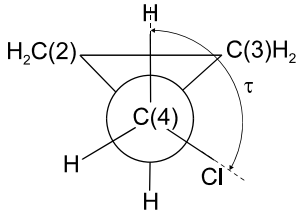
548 **C_4H_7Cl** **(Chloromethyl)cyclopropane** **C_1** (*gauche*)

MW, *ab initio* calculations



r_0	Å [a])	θ_0	deg [a])
Cl–C	1.8022(50)	Cl–C(4)–C(1)	111.00(50)
C(4)–C(1)	1.4967 [b])	Cl–C(4)–H	106.97 [b])
C(1,2,3)...X [c])	0.8713 [b])	C(4)–C(1)–H	114.68 [b])
C(4)–H	1.0916 [b])	C(4)–C(1)...X [c])	123.92 [b])
C(1)–H	1.0857 [b])	C(1)...X...C(2,3) [c])	119.80 [b])
C(2,3)–H	1.0842 [b])	X...C(2,3)–H [c])	122.46 [b])
		Cl–C(4)–C(1)–H [d])	63.14(50)
		C(4)–C(1)...X...C(2,3) [c]) [d])	90.0 [b])
		C(1)...X...C(2,3)–H [c]) [d])	90.0 [b])

The structure of the *gauche* form was revised.



[a]) Uncertainties were not estimated in the original paper.
[b]) Assumed at the *ab initio* values.
[c]) X denotes the ring center.
[d]) Dihedral angle.

Heineking, N., Grabow, J.-U., Merke, I.: J. Mol. Struct. **612** (2002) 231.

Replaces II/25C (**3**, 1685), MW