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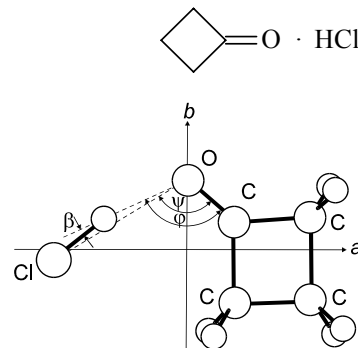
 $\text{C}_4\text{H}_7\text{ClO}$
Cyclobutanone – hydrogen chloride (1/1)
(weakly bound complex)

 C_s
(effective symmetry class)
(large-amplitude motion)

r_0	\AA	θ_0	deg
O...H	1.88(3)	ψ^{a}	107.0(5)
O...Cl	3.14(3)	φ^{a}	112.3(7)
		β^{a}	13.1(6)

The spectroscopic constants have been interpreted in terms of C_s symmetry in which the monomers are coplanar.

^a) See figure for the definition.



Antolínez, S., López, J.C., Alonso, J.L.: Chem. Phys. Lett. **323** (2000) 130.