

528
MW**C₄H₆ClFO****2,5-Dihydrofuran – chlorine fluoride (1/1)**

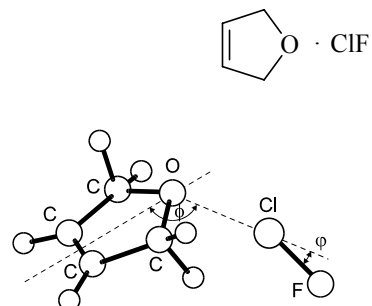
(weakly bound complex)

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

r_0	Å
O...Cl	2.422(5)

θ_0	deg
α_{az} ^{a)}	17.95(3)
ϕ ^{b)}	127.0(3)
φ ^{b)}	1.99(15)

The complex has a pyramidal configuration at oxygen.

^{a)} Equilibrium angle between the Cl...F axis (z) and the *a*-inertial axis.^{b)} See figure for the definition.Cooke, S.A., Corlett, G.K., Evans, C.M., Holloway, J.H., Legon, A.C.: Chem. Phys. Lett. **275** (1997) 269.