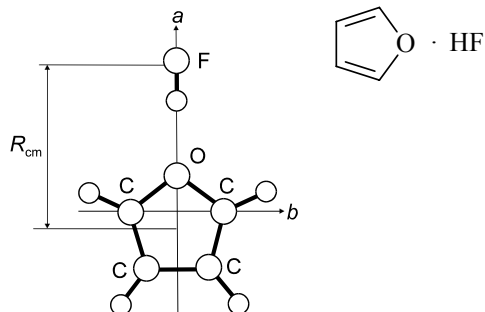


520  
MW

 $\text{C}_4\text{H}_5\text{FO}$ 
**Furan – hydrogen fluoride (1/1)**  
(weakly bound complex)

 $\text{C}_{2v}$   
(effective symmetry class)  
(large-amplitude motion)

The rotational parameters are consistent with a planar equilibrium structure of  $\text{C}_{2v}$  symmetry for the dimer, with the HF subunit lying along the  $\text{C}_2$  axis of the complex.



Lesarri, A., López, J.C., Alonso, A.L.: J. Chem. Soc., Faraday Trans. **94** (1998) 729.