

1689  
MW

**C<sub>4</sub>H<sub>7</sub>ClO**

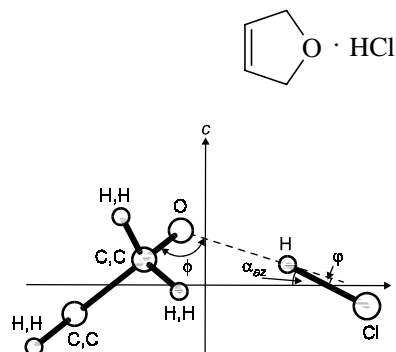
**2,5-Dihydrofuran – hydrogen chloride (1/1)**  
(weakly bound complex)

**C<sub>s</sub>**  
(effective symmetry class)

| $r_0$ | Å <sup>a)</sup> | $\theta_0$                 | deg <sup>a)</sup> |
|-------|-----------------|----------------------------|-------------------|
| O...H | 1.798(5)        | $\alpha_{Oz}$              | 25.164(50)        |
|       |                 | $\beta_{av}$ <sup>b)</sup> | 24.78(5)          |
|       |                 | $\phi$                     | 9.45(10)          |
|       |                 | $\phi$                     | 125.7(3)          |

<sup>a)</sup> Not all uncertainties were estimated in the original paper.

<sup>b)</sup> Average oscillation angle of the HCl subunit, operationally defined by  $\beta_{av} = \cos^{-1} \langle \cos^2 \beta \rangle^{1/2}$ , where  $\beta$  is the angle between the instantaneous direction of the HCl axis and its equilibrium direction.



Legon, A.C., Thorn, J.C.: Chem. Phys. Lett. **227** (1994) 472.