

505  
MW

 $\text{C}_4\text{H}_4\text{ArN}_2$ 
**Pyrimidine – argon (1/1)**  
(weakly bound complex)

 $\text{C}_s$   
(effective symmetry class)  
(large-amplitude motion)

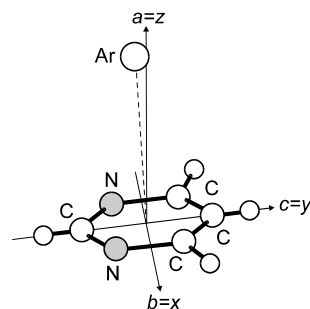
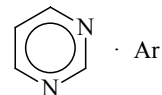
$$\frac{r_0}{Z_0^{b)}} \frac{\text{\AA}^a)}{3.484(10)}$$

$$\frac{r_e}{Y_e^{c)} d)} \frac{\text{\AA}^a)}{0.27(1)}$$

<sup>a)</sup> Uncertainties were not estimated in the original paper.

<sup>b)</sup> Distance of Ar from the plane of pyrimidine.

<sup>c)</sup> Shift of Ar from the center of mass of the ring  
towards the N atoms.

<sup>d)</sup> Equilibrium value.

 Caminati, W., Favero, P.G., Melandri, S., Meyer, R.: Chem. Phys. Lett. **268** (1997) 393.