

631
MW

 $\text{C}_5\text{H}_5\text{NNe}$
Pyridine – neon (1/1)
(weakly bound complex)

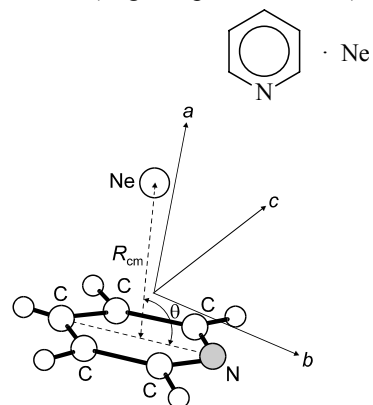
 C_s
(effective symmetry class)
(large-amplitude motion)

r_0	\AA^{a}	θ_0	deg^{a}
R_{cm}	3.316(5)	ϕ^{b}	4.2(5)

The equilibrium position of Ne is shifted in the direction from the center of mass of the ring toward the nitrogen atom. The intermolecular stretching force constant is 0.92 N m^{-1} .

^a) Uncertainties were not estimated in the original paper.

^b) $\phi = 90^\circ - \theta$.



Maris, A., Caminati, W., Favero, P.G.: Chem. Commun. (23) (1998) 2625.