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MW $\text{C}_6\text{H}_3\text{ArF}_3$ **1,2,4-Trifluorobenzene – argon (1/1)**
(weakly bound complex) C_1
(large-amplitude motion)

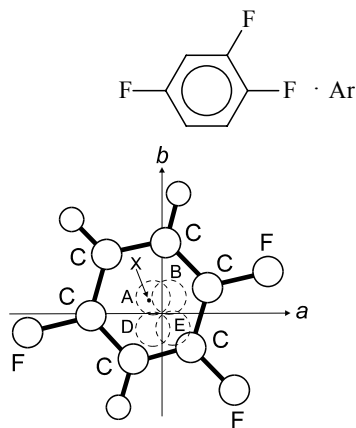
$$\frac{r_0}{r^b) \quad \text{\AA}^a)}{3.517(5)}$$

Atom	$ a_0 $ [\AA]	$ b_0 $ [\AA]	$ c_0 $ [\AA]
Ar	1.7185	2.0941	0.1923

There are eight possible positions of Ar in the complex that are compatible with the experimental data. The table above lists only the absolute values of the Ar coordinates.

^{a)} Uncertainty was not estimated in the original paper.

^{b)} Distance between Ar and the ring plane.



Projections of the argon atom onto the ring plane are indicated as circles A, B, D and E, whereas X denotes the ring center. The a and b axes refer to the monomer.

Jochims, E., Mäder, H., Stahl, W.: J. Mol. Spectrosc. **180** (1996) 116.