

391
MW $\text{C}_3\text{H}_6\text{ArO}_2$ **1,3-Dioxolane – argon (1/1)**
(weakly bound complex)**C₁**
(effective symmetry class)
(large-amplitude motion)

| | |
|-----------------|----------------|
| r_s | \AA^a |
| R_{cm} | 3.519(5) |

| Atom | $ b_s [\text{\AA}]$ | $ c_s [\text{\AA}]$ | $ a_s [\text{\AA}]$ |
|------|----------------------|----------------------|----------------------|
| Ar | 0.468 | 0.456 | 3.457 |

The argon atom is located over the center of mass of the monomer, roughly perpendicular to the 1,3-dioxolane ring.

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

Maris, A., Fantoni, A.C., Caminati, W., Favero, P.G.: J. Mol. Spectrosc. **184** (1997) 145.
Maccaferri, G., Dreizler, H., Caminati, W.: J. Mol. Spectrosc. **196** (1999) 338.

