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MW C_3H_6ArO **Methyloxirane – argon (1/1)**
(weakly bound complex) **C_1**
(large-amplitude motion)

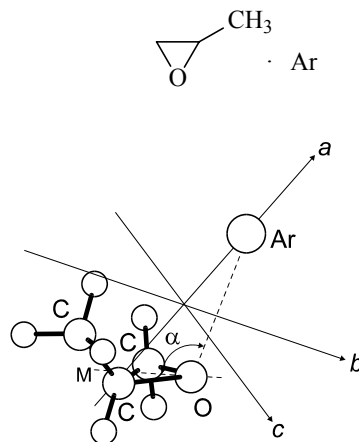
r_0	$\text{\AA}^a)$	θ_0	$\text{deg}^a)$
R_{cm}	3.773(5)	$\alpha^b)$	111.4(5)
Ar...O	3.450(5)	$\delta^c)$	72.7(5)

The argon atom lies, with respect to the plane of the COC ring, on the same side of the methyl group (*syn* conformer).

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

^{b)} See figure for the definition.

^{c)} Dihedral angle between the plane of the ring and the Ar...O–M plane, with Ar tilted away from the CH_3 group, where M denotes a line bisecting the C–O–C angle.



Blanco, S., Maris, A., Millemaggi, A., Caminati, W.: J. Mol. Struct. **612** (2002) 309.