

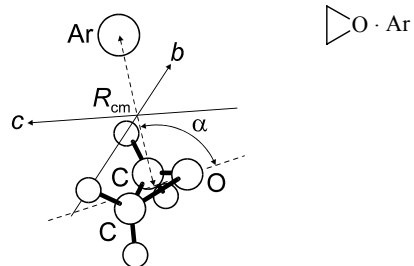
250  
MW

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

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

$r_0$	$\text{\AA}$	$\theta_0$	deg
$R_{\text{cm}}$	3.6062(8)	$\alpha^a$	72.34(4)

Atom	$ a_s $ [ $\text{\AA}$ ]	$ b_s $ [ $\text{\AA}$ ]	$ c_s $ [ $\text{\AA}$ ]
C	0.735	0.388	1.781

<sup>a)</sup> See figure for the definition.

 Moreschini, P., Caminati, W., Favero, P.G., Legon, A.C.: J. Mol. Struct. **599** (2001) 81.

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