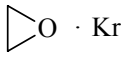
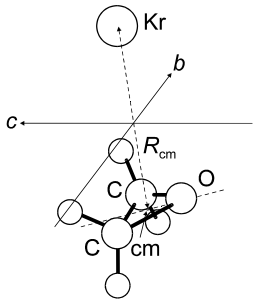
269 **C_2H_4KrO** **Oxirane – krypton (1/1)** **C_s**
MW (weakly bound complex) (effective symmetry class)
(large-amplitude motion)



r_0	Å	θ_0	deg
R_{cm}	3.702(10) [a] [b])	Kr...cm...O [c])	71.8(10) [a] [b])
	3.70(1) [d])		72.0(4) [d])



[a]) Uncertainties were not estimated in the original paper.
[b]) From [1].
[c]) cm denotes the center of mass of the oxirane molecule.
[d]) From [2]. This reference also reported the so-called r_e parameters, namely the structural parameters at the bottom of the intermolecular potential: R_{cm} = 3.67 Å and Kr…cm…O = 76.4°, estimated by assuming a model for van der Waals modes.

[1] Petitprez, D., Kassi, S., Wlodarczak, G.: Phys. Chem. Chem. Phys. **4** (2002) 5594.
[2] Velino, B., Millemaggi, A., Caminati, W.: J. Mol. Spectrosc. **215** (2002) 73.