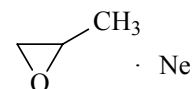


403 **C₃H₆NeO** **Methyloxirane – neon (1/1)** **C₁**
 MW (weakly bound complex) (large-amplitude motion)

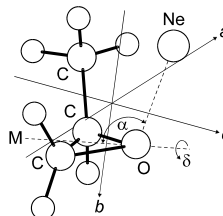
| r_0 | Å | θ_0 | deg |
|-----------------|----------|---------------------|--------|
| R_{cm} | 3.560(4) | $\alpha^{\text{a)}$ | 116(3) |
| Ne...O | 3.044(4) | $\delta^{\text{b)}$ | 59(3) |



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

^{a)} See figure for the definition.

^{b)} Dihedral angle between the ring plane and the Ne...O–M plane, with the Ne atom tilted away from the methyl group, where M denotes a line bisecting the C–O–C angle.



Blanco, S., Maris, A., Melandri, S., Caminati, W.: Mol. Phys. **100** (2002) 3245.