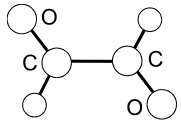
225 **$C_2H_2O_2$** **Glyoxal** **C_{2h}** (*anti*)
IR, *ab initio* calculations (CCSD(T)/cc-pVTZ)
Ethanedial

r_e	Å [a])	θ_e	deg [a])
C–C	1.51453(38)	C–C–H	115.251(24)
C–H	1.10071(26)	O=C–H	123.472(19)
C=O	1.20450(27)		



[a]) Estimated standard errors.

Wugt Larsen, R., Pawlowski, F., Hegelund, F., Jørgensen, P., Gauss, J., Nelander, B.: Phys. Chem. Chem. Phys. **5** (2003) 5031.

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