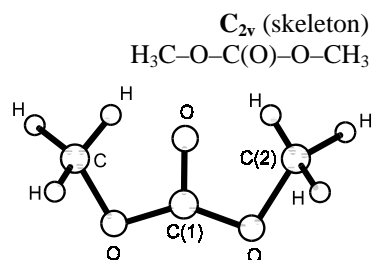


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C₃H₆O₃

Dimethyl carbonate

r_a	\AA^a	θ_a	deg^a
C(1)=O	1.203(9)	O–C(1)–O	107.0(10)
C(1)–O	1.343(10)	C–O–C	114.5(4)
C(2)–O	1.423(10)	O–C–H	111.01(12)
C–H	1.10(1)	τ^b	40.0(30)



O=C–O–C fragment in *syn* position (see figure).

Temperature of the measurement was not stated, probably room temperature.

^a) Three times the estimated standard errors.

^b) Dihedral angle C(1)–O–C(2)–H. Though the origin was not defined in the original paper, it is probably the staggered conformation.

Mijlhoff, F.C.: J. Mol. Struct. **36** (1977) 334.