

1563
ED

C₄H₄O₂

(*E*)-2-Butenedial
Fumaraldehyde

essentially C_{2h}
H(O)C–CH=CH–C(O)H

r_a	Å ^{a)}	θ_α	deg ^{a)}
C(2)=C(3)	1.336(6)	O=C–C	123.6(10)
C(1)–C(2)	1.479(4)	C(1)–C(2)=C(3)	122.7(12)
C=O	1.207(4)	C(2)–C(1)–H	119.5(32)
C(1)–H	1.13(2)	C(2)=C(3)–H	124.6(40)
C(2)–H	1.09(2)		

The molecule is essentially planar.
The nozzle temperature was 60...65 °C.

^{a)} Uncertainty estimates are about twice those of the original data.

Paulen, G., Trættemberg, M.: Acta Chem. Scand. A **28** (1974) 1155.

