

1642
MW

C₄H₆O

1-Methoxypropadiene
Methoxyallene

C_s
H2C=C=CH-O-CH3

r_0	Å ^{a)}	θ_0	deg ^{a)}
C(1)=C(2)	1.308 ^{b)}	C(1)=C(2)=C(3)	180 ^{b)}
C(2)=C(3)	1.308 ^{b)}	C(2)=C(3)-O	129.3(5)
C(3)-O	1.325 ^{b)}	C(3)-O-C(4)	115.6(5)
O-C(4)	1.453 ^{b)}	H-C(1)=C(2)	120 ^{b)}
C(1)-H	1.085 ^{b)}	C(2)=C(3)-H	120 ^{b)}
C(3)-H	1.070 ^{b)}	O-C(4)-H	109.4 ^{b)}
C(4)-H	1.090 ^{b)}		

^{a)} Uncertainties were not estimated in the original paper.

^{b)} Assumed.

Ogata, T., Sugimoto, K.: J. Mol. Struct. **190** (1988) 61.

ED r^a	Å ^{b)}	θ^a	deg ^{b)}
C=C ^{c)}	1.318(12)	C(2)=C(3)-O	125.3(36)
C(3)-O	1.375(21)	C(3)-O-C(4)	115.0(36)
O-C(4)	1.427(24)	C(2)=C(1)-H	120 ^{d)}
C(1)-H	1.08 ^{d)}	O-C(4)-H	109.5 ^{d)}
C(3)-H	1.08 ^{d)}		
C(4)-H	1.10 ^{d)}		

The measurements were made at room temperature.

^{a)} Unidentified, possibly r_a and θ_a .

^{b)} Estimated standard errors, larger than those in the original data.

^{c)} Average value.

^{d)} Assumed.

Bijen, J.M.J.M., Derissen, J.L.: J. Mol. Struct. **14** (1972) 229.

