

1531
Ra

C₄H₄

Butatriene

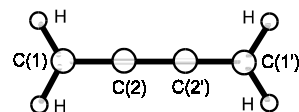
D_{2h}
H₂C=C=C=CH₂

r_0	Å	θ_0	deg
C–H	1.07 ^{a)}	H–C–H	117 ^{a)}
C(1)=C(2)	1.309 ^{a)}		
C(2)=C(2')	1.284(6)		

Pure rotation Raman effect.

^{a)} Assumed.

Stoicheff, B.P.: Can. J. Phys. **35** (1957) 837.



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$r^a)$	Å ^{b)}
C–H	1.083(10)
C(1)=C(2)	1.318(10)
C(2)=C(2')	1.283(15)

The temperature of the measurements was not stated, probably room temperature.

^{a)} Unidentified, possibly r_a .

^{b)} Uncertainty estimates are larger than those of the original data.

Almenningen, A., Bastiansen, O., Trøttestad, M.: Acta Chem. Scand. **15** (1961) 1557.