

1533  
MW

**C<sub>4</sub>H<sub>4</sub>**  
[1]

**Methylenecyclopropene**

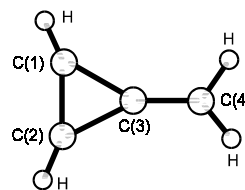
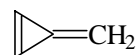
**C<sub>2v</sub>**

$r_s$	Å
C(1)=C(2)	1.323(3)
C(1)-C(3)	1.441(6)
C(3)=C(4)	1.332(6)

[2]

$r_s$	Å
C(1)-H	1.080 <sup>a)</sup>
C(4)-H	1.085 <sup>a)</sup>

$\theta_s$	deg
C(1)-C(3)-C(2)	54.7 <sup>b)</sup>
C(2)=C(1)-H	147.5 <sup>a)</sup>
H-C(4)-H	118.0 <sup>a)</sup>



<sup>a)</sup> Assumed.

<sup>b)</sup> Derived.

[1] Taylor, W.H., Harmony, M.D. Norden, T.D., Staley, S.W.: 41st Symp. Mol. Spectrosc., Ohio State Univ. Columbus, Ohio 1986, TA3.

[2] Norden, T.D., Staley, S.W., Taylor, W.H., Harmony, M.D.: J. Am. Chem. Soc. **108** (1986) 7912.