

1716
ED

C₄H₈

Methylcyclopropane

C_s

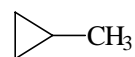
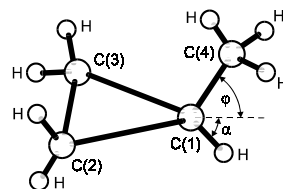
| r_a | $\text{\AA}^a)$ | θ_a | $\text{deg}^a)$ |
|------------|-----------------|--------------|-----------------|
| C(1)–C(4) | 1.517(2) | H–C(2,3)–H | 116.4(6) |
| C(1)–C(2) | 1.509(1) | C(1)–C(4)–H | 112.1(4) |
| C(1,2,3)–H | 1.089(3) | $\varphi^b)$ | 56.7(1) |
| C(4)–H | 1.090(4) | $\alpha^b)$ | 60.0(3) |

The hydrogen atoms of the methyl group are staggered to the ring hydrogen atom.

The nozzle temperature was 18 °C.

^{a)} Estimated standard errors.

^{b)} φ and α are the angles between the plane of the ring and the C(1)–C(4) and C(1)–H bonds, respectively; see figure.



Klein, A.W., Schrumpf, G.: Acta Chem. Scand. Ser. A **35** (1981) 425.