

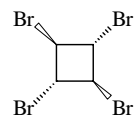
1538
ED

C₄H₄Br₄

1,2,3,4-Tetrabromocyclobutane

D_{2d}

r_a	$\text{\AA}^a)$	θ_a	$\text{deg}^a)$
C–C	1.547(4)	H–C–Br	111.4(12)
C–Br	1.921(2)	$\varphi^b)$	31.7(9)
C–H	1.114(15)	$\alpha^c)$	129.8(6)



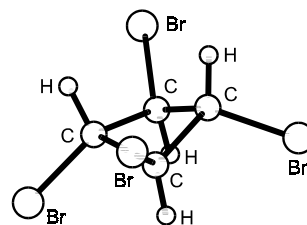
The all-equatorial conformer (more than 94%) was observed.

The nozzle temperature was 80 °C.

^{a)} Uncertainties were unidentified, possibly estimated standard errors.

^{b)} Dihedral angle of ring puckering.

^{c)} Angle between the C–Br bond and the C–C–C bisector.



Jonvik, T., Kloster-Jensen, E.: J. Mol. Struct. **128** (1985) 233.