

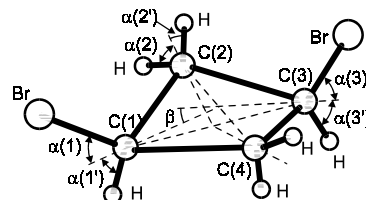
1625  
ED

**C<sub>4</sub>H<sub>6</sub>Br<sub>2</sub>**

***cis*-1,3-Dibromocyclobutane**

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

$r_a$	Å <sup>a)</sup>	$\theta_a^{b)}$	deg <sup>c)</sup>
C–C	1.556(7)	$\beta$	32(2)
C–Br	1.946(5)	$\alpha(1)$	51(2)
		$\alpha(1')$	55(2)
		$\alpha(2')$	58(2)
		$\alpha(2)$	53(2)



The cyclobutane ring is nonplanar.

<sup>a)</sup> Estimated standard errors.

<sup>b)</sup> For definition of angles, see figure.

<sup>c)</sup> The uncertainties in the angles  $\beta$ ,  $\alpha(1)$ , and  $\alpha(3)$  are error limits of the original paper; those of  $\alpha(1')$ ,  $\alpha(2')$ , and  $\alpha(2)$  are roughly estimated.

Almenningen, A., Bastiansen, O., Walløe, L., in: "Selected Topics in Structure Chemistry",  
Eds.: P. Andersen, O. Bastiansen, S. Furberg; Oslo, Universitetsforlaget, **1967**, p. 91.