

1622
ED

C₄H₆BrCl

***cis*-1-Bromo-3-chlorocyclobutane**

C_s

r_a	\AA^a	θ_a^b	deg^a
C–C	1.549(2)	β	33(2)
C–Cl	1.790(5)	$\alpha(1)$	51(2)
C–Br	1.946(9) ^c	$\alpha(3)$	53(2)
		$\alpha(1')$	55(2)

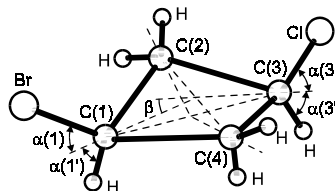


The cyclobutane ring is nonplanar.

^a) Estimated standard errors.

^b) For definition of angles, see figure.

^c) Assumed to be equal to C–Br in the 1,3-dibromocyclobutane.



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