

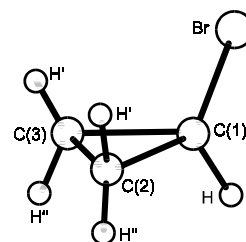
**1183**  
ED, MW

**C<sub>3</sub>H<sub>5</sub>Br**

**Bromocyclopropane**  
Cyclopropyl bromide

**C<sub>s</sub>**

$r_g$	Å <sup>a)</sup>	$\theta_\alpha$	deg <sup>a)</sup>
C–H (mean)	1.120(8)	H'–C–H''	118.4(44)
C(1)–C(2)	1.501(6)	C–CH–H	116.4(18)
C(2)–C(3)	1.534(12)	C–CBr–H	119.9(23)
C–Br	1.920(4)	C–C–Br	118.7(6)



The measurements were made at room temperature.

<sup>a)</sup> Twice the estimated standard errors.

Marsden, C.J., Hedberg, L., Hedberg, K.: J. Phys. Chem. **92** (1988) 1766.

MW

$r_0$	Å <sup>a)</sup>	$\theta_0$	deg <sup>a)</sup>
C–H''	1.086 <sup>a)</sup>	H'–C–H''	116.0 <sup>a)</sup>
C–H'	1.074 <sup>a)</sup>	C(2)–C(3)–H'	116.8 <sup>a)</sup>
C–H	1.078 <sup>a)</sup>	C(2)–C(3)–H''	118.9 <sup>a)</sup>
C(1)–C(2)	1.512(15)	C(1)–C(2)–H'	115.3 <sup>a)</sup>
C(2)–C(3)	1.521(10)	H–C–Br	116(2)
C–Br	1.905(10)	C–C–Br	118.9(15)

<sup>a)</sup> Assumed.

Lam, F.M.K., Dailey, B.P.: J. Chem. Phys. **49** (1968) 1588.