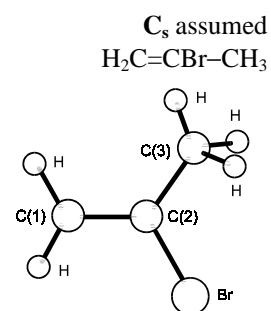


1181
ED, MW

C₃H₅Br

2-Bromo-1-propene

r_g	\AA^a	θ_α	deg ^{a)}
C=C	1.343(4)	C-C=C	126.9(3)
C-C	1.496(5)	C=C-Br	118.3(5)
C-Br	1.909(3)	C=C-H (average)	120 ^{b)}
C-H	1.113(9)	C-C-H (average)	108.8(21)



An alternative model having C=C-Br = 123.5(7)° and other structural parameters being only slightly different from those listed above was also consistent with the ED and MW experimental data and could not be rejected on a statistical basis.
The measurements were made at 20 °C.

^{a)} Three times the estimated standard errors.

^{b)} Assumed.

Hilderbrandt, R.L., Schei, S.H.: J. Mol. Struct. **118** (1984) 11.