

1633
ED

C₄H₆Cl₂

(Z)-1,4-Dichloro-2-butene

C₁

ClH₂C–CH=CH–CH₂Cl

r_g	Å ^{a)}	θ_α	deg ^{a)}
C–H	1.077(7)	C–C=C	124.8(10)
C(2)=C(3)	1.351(6)	C–C–Cl	112.0(5)
C(1,4)–C	1.502(4)	H–C=C	121 ^{b)}
C–Cl	1.804(2)	H–C–C	110 ^{b)}
		τ_1 ^{c)}	5(20)
		τ_2 ^{c)}	114(13)

The nozzle temperature was 70 °C.

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

^{b)} Assumed.

^{c)} C=C–C–Cl torsional angle; $\tau = 0^\circ$ for the *syn* position.

Shen, Q.: J. Mol. Struct. **112** (1984) 327.

