

1095
ED

C₃H₃Cl₅

1,1,3,3,3-Pentachloropropane

r_g	Å ^{a)}	θ_α	deg ^{a)}
C–C (average)	1.547(12)	C–C–C	115.7(28)
C–Cl (average)	1.774(4)	C–C–Cl (average)	109.9(6)
C–H	1.05 ^{b)}	C–C–H (average)	109.47 ^{c)}
		δ_{1-2} ^{d)}	14.1(15)
		δ_{2-3} ^{d)}	–22.5(12)

The nozzle temperature was 80 °C.

^{a)} Twice the estimated standard errors.

^{b)} Estimated from radial distribution curve.

^{c)} Assumed.

^{d)} Torsional angle around C(1)–C(2) and C(2)–C(3), respectively; $\delta_{1-2} = \delta_{2-3} = 0^\circ$ for exact all-staggered conformation.

Johnsen, J.P., Stølevik, R.: Acta Chem. Scand. Ser. A **29** (1975) 457.

