

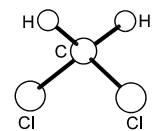
98 **CH₂Cl₂**
ED, MW, *ab initio*
calculations

r_g	Å ^{a)}
C–H	1.104(4)
C–Cl	1.773(2)

r_a^0	Å ^{a)}
C–H	1.090(10)
C–Cl	1.772(2)

Dichloromethane
Methylene chloride

θ_a^0	deg ^{a)}
H–C–H	112.0(10)
Cl–C–Cl	112.0(1)



C_{2v}
CH₂Cl₂

The scaled force constants from HF/6-31G* calculations were used to calculate $B_z - B_0$ corrections.

The nozzle was at about 300 K.

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

Wang, Y., Tremmel, J., De Smedt, J., Van Alsenoy, C., Geise, H.J., Van der Veken, B.:
J. Phys. Chem. A **101** (1997) 5919.

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