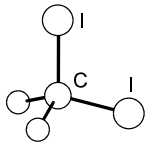
101 **CH_2I_2** **Diiodomethane** **C_{2v}**
MW Methylene iodide CH_2I_2

r_0	Å [a])	θ_0	deg [a])
C–I	2.135(3)	I–C–I	113.90(30)
C–H	1.066(15)	H–C–H	111.6(24)



r_{av} [b])	Å [a])	θ_{av} [b])	deg [a])
C–I	2.1364(6)	I–C–I	113.83(5)
C–H	1.078(2)	H–C–H	113.3(3)

Atom	a_0 [Å]	b_0 [Å]	c_0 [Å]
I	±1.7896	–0.0654	0.0
C	0.0	1.0988	0.0
H	0.0	1.6981	±0.8822

[a]) Three times the estimated standard errors.
[b]) The authors call *r** structure.

Kisiel, Z., Pszczółkowski, L., Favero, L.B., Caminati, W.: J. Mol. Spectrosc. **189** (1998) 283.