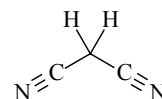


348
MW $\text{C}_3\text{H}_2\text{N}_2$ **Propanedinitrile**
Malononitrile C_{2v} 

r_0	Å
C–H	1.086(2)
C–C	1.466(9)
C≡N	1.152(13)

θ_0	deg
H–C–H	103.7(4)
C–C–C	112.6(7)
C–C≡N	178.7(8)

r_{1e}	Å
C–H	1.099(3)
C–C	1.467(8)
C≡N	1.150(8)

θ_{1e}	deg
H–C–H	106.8(6)
C–C–C	112.7(5)
C–C≡N	178.7(6)

r_s	Å
C–H	1.100(10)
C–C	1.452(13)
C≡N	1.159(9)

θ_s	deg
H–C–H	106.9(11)
C–C–C	112.9(11)
C–C≡N	179.1(8)

r_m^p	Å
C–H	1.089(4)
C–C	1.458(4)
C≡N	1.157(4)

θ_m^p	deg
H–C–H	106.4(6)
C–C–C	112.8(2)
C–C≡N	178.4(2)

r_e	Å ^{a)}
C–H	1.091(5)
C–C	1.464(6)
C≡N	1.155(5)

θ_e	deg ^{a)}
H–C–H	107.82(6)
C–C–C	111.98(9)
C–C≡N	178.88(9)

^{a)} Uncertainties were not estimated in the original paper.

Demaison, J., Wlodarczak, G., Rück, H., Wiedenmann, K.H., Rudolph, H.D.: J. Mol. Struct. **376** (1996) 399.

Replaces [II/25C \(3, 1068\)](#)