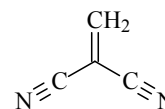


495  
MW $C_4H_2N_2$ **1,1-Dicyanoethene**  
Methylenepropanedinitrile  
1,1-Ethenedicarbonitrile $C_{2v}$ 

$r_0$	Å
C–H	1.087(1)
C=C	1.342(3)
C–C	1.439(3)
C≡N	1.159(3)

$\theta_0$	deg
H–C–H	120.20(8)
C=C–C	121.6(2)
C–C–C	116.8(3)
C–C≡N	179.6(3)

$r_{le}$	Å
C–H	1.087(1)
C=C	1.349(2)
C–C	1.436(2)
C≡N	1.157(1)

$\theta_{le}$	deg
H–C–H	120.10(5)
C=C–C	121.25(8)
C–C–C	117.5(2)
C–C≡N	179.8(1)

$r_s$	Å
C–H	1.087(1)
C=C	1.348(3)
C–C	1.435(5)
C≡N	1.158(3)

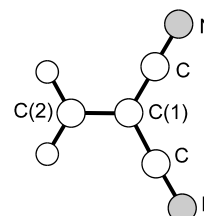
$\theta_s$	deg
H–C–H	120.11(9)
C=C–C	121.3(3)
C–C–C	117.3(6)
C–C≡N	179.8(5)

$r_m^p$	Å
C–H	1.085(2)
C=C	1.344(2)
C–C	1.436(2)
C≡N	1.156(2)

$\theta_m^p$	deg
H–C–H	120.14(8)
C=C–C	121.43(9)
C–C–C	117.1(2)
C–C≡N	179.7(2)

$r_e$	Å <sup>a)</sup>
C–H	1.080(2)
C=C	1.342(3)
C–C	1.437(5)
C≡N	1.158(3)

$\theta_e$	deg <sup>a)</sup>
H–C–H	119.28(9)
C=C–C	121.63(30)
C–C–C	116.74(60)
C–C≡N	179.70(50)

<sup>a)</sup> Uncertainties were not estimated in the original paper.Demaïson, J., Włodarczyk, G., Rück, H., Wiedenmann, K.H., Rudolph, H.D.: J. Mol. Struct. **376** (1996) 399.