

## Structure Data of Free Polyatomic Molecules

 328  
MW, ED

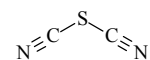
 $\text{C}_2\text{N}_2\text{S}$ 

Sulfur dicyanide

 $\text{C}_{2v}$ 

$r_0$	Å
S–C	1.697(2)
C≡N	1.164(2)

$\theta_0$	deg
C–S–C	98.6(1)
S–C≡N	175.5(2)



$r_{1e}$	Å
S–C	1.698(1)
C≡N	1.159(1)

$\theta_{1e}$	deg
C–S–C	98.46(6)
S–C≡N	175.14(8)

$r_s$	Å
S–C	1.700(4)
C≡N	1.159(3)

$\theta_s$	deg
C–S–C	98.3(3)
S–C≡N	175.0(3)

$r_m^p$	Å
S–C	1.699(1)
C≡N	1.159(1)

$\theta_m^p$	deg
C–S–C	98.38(6)
S–C≡N	175.14(7)

$r_e$	Å <sup>a)</sup>
C≡N	1.160(5)

$\theta_e$	deg <sup>a)</sup>
C–S–C	97.55(8)
S–C≡N	175.22(10)

<sup>a)</sup> 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/25B\(3, 983\)](#)