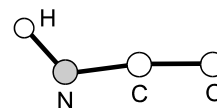
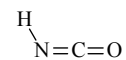


83  
MW

CHNO

**Isocyanic acid**  
Hydrogen isocyanate $C_s$ 

$r^a)$	$\text{\AA}^b)$	$\theta^a)$	deg $^b)$
N-H	1.0152(19)	N=C=O	173.33(20)
N=C	1.21220(76)	H-N=C	123.11(15)
C=O	1.16991(83)		



The barrier to the linear configuration is  $1899\text{ cm}^{-1}$ .

<sup>a)</sup> Derived by an analysis using a semirigid bender (SRB) Hamiltonian. Additional SRB parameters which were assumed or determined to be  $y_{\text{NH}} = 0.0$ ,  $y_{\text{NC}} = 0.01618(82)$  and  $y_{\text{CO}} = y_{\text{NC}}$  in  $\text{\AA rad}^{-2}$ .

<sup>b)</sup> Estimated standard errors.

Niedenhoff, M., Yamada, K.M.T., Winnewisser, G., Ross, S.C.: J. Mol. Struct. **352/353** (1995) 423.

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