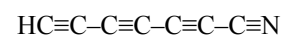


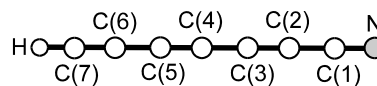
Structure Data of Free Polyatomic Molecules

 770
MW

 C_7HN
1-Cyano-1,3,5-hexatriyne
2,4,6-Heptatriynenitrile

 $C_{\infty v}$


r_0	\AA^a
C(7)–H	1.0570(4)
C(6)≡C(7)	1.2101(6)
C(5)–C(6)	1.3610(9)
C(4)≡C(5)	1.2141(19)
C(3)–C(4)	1.3616(27)
C(2)≡C(3)	1.2149(20)
C(1)–C(2)	1.3657(9)
C≡N	1.1611(6)


^a) Estimated standard errors.

 McCarthy, M.C., Levine, E.S., Apponi, A.J., Thaddeus, P.: J. Mol. Spectrosc. **203** (2000) 75.