

Structure Data of Free Polyatomic Molecules

193 MW	C₂HN	Cyanomethylene Cyanocarbene	C_{∞v} (quasilinear) (large-amplitude motion) H–C–C≡N
HCCN is not a near-rigid bent molecule, but a quasilinear one; the barrier to linearity was estimated to be 235 cm ⁻¹ .			
McCarthy, M.C., Gottlieb, C.A., Cooksy, A.L., Thaddeus, P.: J. Chem. Phys. 103 (1995) 7779. II/25B(3, 562)			