

Structure Data of Free Polyatomic Molecules

85	CHNa	Sodium hydrogen monocarbide	C_{∞v}
MW		Sodiomethylene	Na–C–H
	r_0	Å ^{a)}	
	Na–C	2.207(1)	
	C–H	1.073(3)	

NaCH is a linear molecule with a $^3\Sigma^-$ ground electronic state arising from a π^2 configuration.

^{a)} Uncertainties were not estimated in the original paper.

Xin, J., Ziurys, L.M.: J. Chem. Phys. **110** (1999) 3360.