

Structure Data of Free Polyatomic Molecules

192 MW	C₂HLi		Monolithium acetylide Ethyneyllithium	C_{∞v} Li–C≡C–H
	r_0	Å ^{a)}		
	Li–C	1.888(2)		
	C≡C	1.226(2)		
	C–H	1.061(3)		
	r_s	Å ^{a)}		
	Li–C	1.888(2)		
	C≡C	1.227(2)		
	C–H	1.062(2)		

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

Grotjahn, D.B., Apponi, A.J., Brewster, M.A., Xin, J., Ziurys, L.M.: Angew. Chem. **110** (1998) 2824; Angew. Chem., Int. Ed. Engl. **37** (1998) 2678.