

Species Tag:	76005	Name:	HC-13-CCCCN
Version:	1		Cyanodiacetylene,
Date:	Dec. 1979		¹³ C isotope
Contributor:	R. L. Poynter		on atom 5
Lines Listed:	99	Q(300.0)=	4820.588
Freq. (GHz) <	257	Q(225.0)=	3500.258
Max. J:	99	Q(150.0)=	2372.466
LOGSTR0=	-6.8	Q(75.00)=	1205.313
LOGSTR1=	-2.6	Q(37.50)=	602.976
Isotope Corr.:	-1.955	Q(18.75)=	301.648
Egy. (cm ⁻¹) >	0.0	Q(9.375)=	150.973
μ_a =	4.329	A=	
μ_b =		B=	1296.88
μ_c =		C=	

The experimental measurements were taken from A. J. Alexander, H. W. Kroto, and D. R. M. Walton, 1976, J. Mol. Spect. **62**, 175. The dipole moment was assumed to be the same as for the parent species.