

Species Tag:	40001	Name:	CH3CCH
Version:	1		Propyne
Date:	Dec. 1979		
Contributor:	R. L. Poynter		

Lines Listed:	813	Q(300.0)=	5428.751
Freq. (GHz) <	1345	Q(225.0)=	3524.521
Max. J:	79	Q(150.0)=	1920.879
LOGSTR0=	-6.7	Q(75.00)=	679.673
LOGSTR1=	-5.8	Q(37.50)=	241.268
Isotope Corr.:	0.	Q(18.75)=	88.267
Egy. (cm ⁻¹) >	0.0	Q(9.375)=	34.419
μ_a =	0.75	A=	158590.
μ_b =		B=	8545.86
μ_c =		C=	B

The experimental measurements were obtained from A. Dubrulle, D. Boucher, J. Burie, and J. Demaison, 1978, *J. Mol. Spect.* **72**, 158. The *A* rotational constant was estimated from the structure. The dipole moment was measured by J. S. Muentner and V. W. Laurie, 1966, *J. Chem. Phys.* **45**, 855.