

Species Tag:	47010	Name:	cis HC-13-OOH
Version:	1		Formic acid,
Date:	March 2008		¹³ C isotope
Contributor:	B. J. Drouin		

Lines Listed:	15887	Q(300.0)=	8745.3995
Freq. (GHz) <	1900	Q(225.0)=	5678.3306
Max. J:	90	Q(150.0)=	3090.3776
LOGSTR0=	-11.0	Q(75.00)=	1093.2288
LOGSTR1=	-11.0	Q(37.50)=	387.2599
Isotope Corr.:	-1.955	Q(18.75)=	137.5018
Egy. (cm ⁻¹) >	0.0	Q(9.375)=	49.0421
μ_a =	1.396	A=	84201.759
μ_b =	0.260	B=	11687.517
μ_c =		C=	10249.654

The measurements were taken from J. Bellet, A. Deldalle, C. Samson, G. Steenbeckeliers, and R. Wertheimer, 1971, *J. Mol. Struct.* **9**, 65, and R. G. Lerner, B. P. Dailey, and J. P. Friend, 1957, *J. Chem. Phys.* **26**, 680. Other lines are taken from work by Baskakov, O. I., Winnewisser, B. P., Medvedev, I. R., & De Lucia, F. C. 2006, *J. Mol. Struct.*, 795, 42 and Bjarnov, E., & Hocking, W. M. 1978, *Z. Naturforsch. A*, 33, 610. Submillimeter measurements are from Lattanzi *et al.* *Ap. J. Supp. in press* 2008. The dipole moment was assumed to be the same as for the parent species.