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|--------------|---------------|-------|-------------------------|
| Species Tag: | 47001 | Name: | H2C-13-S |
| Version: | 1 | | Thioformaldehyde, |
| Date: | Jan. 1980 | | ¹³ C isotope |
| Contributor: | R. L. Poynter | | |

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|----------------------------|--------|-----------|-----------|
| Lines Listed: | 110 | Q(300.0)= | 6220.139 |
| Freq. (GHz) < | 336 | Q(225.0)= | 4040.174 |
| Max. J: | 10 | Q(150.0)= | 2114.949 |
| LOGSTR0= | -8.7 | Q(75.00)= | 777.678 |
| LOGSTR1= | -4.6 | Q(37.50)= | 264.363 |
| Isotope Corr.: | -1.977 | Q(18.75)= | 94.254 |
| Egy. (cm ⁻¹) > | 0.0 | Q(9.375)= | 28.615 |
| μ_a = | 1.649 | A= | 291660.0 |
| μ_b = | | B= | 16998.342 |
| μ_c = | | C= | 16030.791 |

The experimental measurements were analyzed using the methods described in W. H. Kirchhoff, 1972, J. Mol. Spect. **41**, 333. The measurements and other references were taken from D. R. Johnson, F. J. Lovas, and W. H. Kirchhoff, 1972, J. Phys. Chem. Ref. Data **1**, 1011. The dipole moment was assumed to be the same as for the parent species.