

1292  
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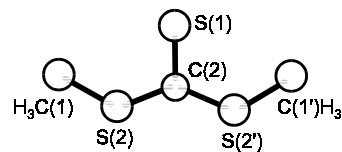
**C<sub>3</sub>H<sub>6</sub>S<sub>3</sub>**

**Dimethyl trithiocarbonate**

**C<sub>2v</sub> (skeleton)**  
**SC(SCH<sub>3</sub>)<sub>2</sub>**

| $r_a$     | $\text{\AA}^a$ | $\theta_a$     | deg <sup>a)</sup> |
|-----------|----------------|----------------|-------------------|
| S(1)=C(2) | 1.634(5)       | S(1)=C(2)-S(2) | 126.2(2)          |
| C(2)-S(2) | 1.752(4)       | C-S-C          | 103.3(4)          |
| C(1)-S(2) | 1.800(6)       | S-C-H          | 111.2(8)          |
| C-H       | 1.090(10)      |                |                   |

A structure with a planar skeleton, *syn-syn*, agrees with the experimental data.  
The nozzle temperature was not reported, probably room temperature.



<sup>a)</sup> Estimated standard errors.

Almenningen, A., Fernholt, L., Seip, H.M., Henriksen, L.: Acta Chem. Scand. A **28** (1974) 1037.