

411  
MW $\text{C}_3\text{H}_6\text{S}_3$ 

1,3,5-Trithiane

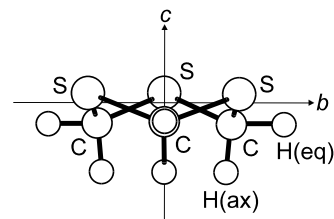
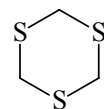
 $\text{C}_{3v}$ 

$r_0$	$\text{\AA}^{\text{a}}$
C-S	1.8012(7)

$\theta_0$	deg <sup>a</sup>
C-S-C	99.44(6)
S-C-S	116.45(7)
H(eq)-C-S	112.8(7)
H(ax)-C-S	107.6(15)
S-C-S-C <sup>b</sup>	64.1(1)

$r_s$	$\text{\AA}^{\text{c}}$
C-S	1.801(4)

$\theta_s$	deg <sup>c</sup>
C-S-C	99.5(3)
S-C-S	116.5(4)
S-C-S-C <sup>b</sup>	64.0(5)

<sup>a</sup>) Estimated standard errors.<sup>b</sup>) Dihedral angle.<sup>c</sup>) Uncertainties were estimated by Costain's procedure.

Antolínez, S., Lesarri, A., Mata, S., Blanco, S., López, J.C., Alonso, J.L.: J. Mol. Struct. **612** (2002) 125.

Replaces [II/25C \(3, 1293\)](#), MW