

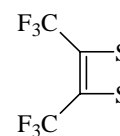
1476
ED

C₄F₆S₂

3,4-Bis(trifluoromethyl)-1,2-dithiete

C₂ assumed

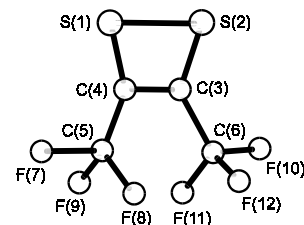
r_g	Å ^{a)}	θ ^{b)}	deg ^{a)}
C(5)–F(7)	1.326(3)	C(4)=C(3)–S(1)	100.8(6)
C(3)=C(4)	1.40(3)	C(5)–C(4)=C(3)	122.9(7)
C(4)–C(5)	1.50(1)	F(7)–C(5)–C(4)	110.8(6)
C(4)–S(1)	1.729(10)	C(5)–C(4)=C(3)–S(2)	179(5)
		C(3)=C(4)–C(5)–F(7)	146(6)
		S(1)–C(4)=C(3)–S(2)	0.4(34)



No significant deviation from planarity was found in the C₂S₂ ring exceeding shrinkage effects.
The nozzle temperature was 21 °C.

^{a)} Estimated limits of error.

^{b)} Unidentified, probably θ_g .



Hencher, J.L., Shen, Q., Tuck, D.G.: J. Am. Chem. Soc. **98** (1976) 899.