

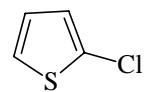
1519
ED

C₄H₃ClS

2-Chlorothiophene

C_s

r_a	Å ^{a)}	θ_a	deg ^{a)}
C–S ^{b)}	1.718(8)	C–S–C	90.8(3)
C–C ^{b)}	1.387(13)	S–C=C	112.0(8)
C–H ^{b)}	1.085(15)	S–C–Cl	120.9(4)
C–Cl	1.707(12)		



The measurements were made at room temperature.

^{a)} Three times the estimated standard error. The discussion based on random errors resulted in the assumption of slight distortion of the thiophene ring [1] and [2], but a further check of various systematic errors seems to be required to establish the distortion quantitatively.

^{b)} Average value.

[1] Karl, R.R., Bauer, S.H.: Acta Cryst. B **28** (1972) 2619.

[2] Harshbarger, W., Bauer, S.H.: Acta Cryst. B **26** (1970) 1010.

Derissen, J.L., Kocken, J.W.M., van Weelden, R.H.: Acta Cryst. B **27** (1971) 1692.