

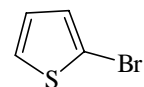
1515
ED

C₄H₃BrS

2-Bromothiophene

C_s

r_a	Å ^{a)}	θ_a	deg ^{a)}
C–S ^{b)}	1.703(9)	C–S–C	92.3(5)
C–C ^{b)}	1.404(15)	S–C=C	112.7(10)
C–H ^{b)}	1.08(5)	S–C–Br	122.1(8)
C–Br	1.855(10)		



The measurements were made at room temperature.

^{a)} Three times the estimated standard errors. 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] Harshbarger, W., Bauer, S.H.: Acta Cryst. B **26** (1970) 1010.

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

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