

1123
MW

C₃H₃NS

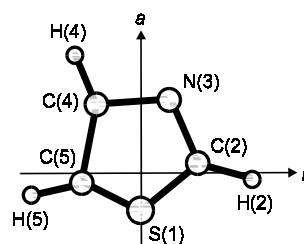
Thiazole

C_s



r_s	Å	θ_s	deg
S–C(2)	1.7239(20)	C(5)–S–C(2)	89.33(20)
C(2)=N	1.3042(30)	S–C(2)=N	115.18(20)
N–C(4)	1.3721(20)	C(2)=N–C(4)	110.12(20)
C(4)=C(5)	1.3670(20)	N–C(4)=C(5)	115.81(20)
C(5)–S	1.7130(20)	C(4)=C(5)–S	109.57(20)
C(2)–H(2)	1.0767(50)	S–C(2)–H(2)	121.26(70)
C(4)–H(4)	1.0798(50)	N=C(2)–H(2)	123.56(70)
C(5)–H(5)	1.0765(50)	N–C(4)–H(4)	119.35(50)
		C(5)=C(4)–H(4)	124.84(50)
		C(4)=C(5)–H(5)	129.03(50)
		S–C(5)–H(5)	121.40(50)

Atom	a_s [Å]	b_s [Å]
S	–1.15752	0.0409
C(2)	0.1376	1.17859
N	1.33343	0.65799
C(4)	1.25196	–0.71167
C(5)	–0.0119	–1.23268
H(2)	–0.05	2.23883
H(4)	2.16012	–1.29587
H(5)	–0.3200	–2.26416



Nygaard, L., Asmussen, E., Høg, J.H., Maheshwari, R.C., Nieslen, C.H., Petersen, I.B.,
Rastrup-Andersen, J., Sørensen, G.O.: J. Mol. Struct. **8** (1971) 225.