

Structure Data of Free Polyatomic Molecules

234
MW

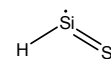
HSSi

Thioxosilyl

C_s

r_0	Å
Si=S	1.9537(19)
Si-H	1.5140 ^{a)}

θ_0	deg
H-Si=S	118.8(17)



The HSiS molecule is a σ radical with the X²A' electronic ground state.

^{a)} Assumed.

Brown, F.X., Yamamoto, S., Saito, S.: J. Mol. Struct. **413-414** (1997) 537.