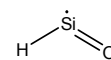


Structure Data of Free Polyatomic Molecules

 231
MW

HOSi

 Silicon monohydride monoxide
Oxosilyl

 C_s


r_z	$\text{\AA}^a)$
Si-H	1.5066 ^{b)}
Si=O	1.5326(2)

θ_z	deg ^{a)}
H-Si=O	116.8(1)

$r_e^c)$	$\text{\AA}^a)$
Si-H	1.4971 ^{b)}
Si=O	1.5286(2)

$\theta_e^c)$	deg ^{a)}
H-Si=O	116.8(1)

^{a)} Three times the estimated standard errors.

^{b)} Assumed.

^{c)} Estimated from r_z .

 Izuha, M., Yamamoto, S., Saito, S.: J. Mol. Struct. **413-414** (1997) 527.