

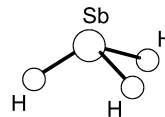
Structure Data of Free Polyatomic Molecules

271 **H₃Sb**

MW, Far IR, IR

Stibine
C_{3v}
SbH₃

Isotopic species	$r_0(\text{Sb-H})$ [Å] ^{a)}	$\theta_0(\text{H-Sb-H})$ [deg] ^{a)}
¹²¹ SbH ₃	1.70900544(6)	91.5327645(52)
¹²³ SbH ₃	1.70900481(6)	91.5327698(57)
Isotopic species	$r_e(\text{Sb-H})$ [Å] ^{a)}	$\theta_e(\text{H-Sb-H})$ [deg] ^{a)}
¹²¹ SbH ₃	1.7000127(16)	91.55662(14)
¹²³ SbH ₃	1.7000116(19)	91.55645(17)


^{a)} Estimated standard errors.

 Fusina, L., Di Lonardo, G., De Natale, P.: J. Chem. Phys. **109** (1998) 997.

[II/25A\(2, 744\)](#)