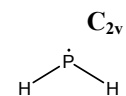


Structure Data of Free Polyatomic Molecules

 256
MW

 H_2P
 λ^2 -Phosphane
Phosphorus dihydride
Phosphino


Isotopic species	$r_0[\text{P-H(D)}]$ [Å]	$\theta_0[\text{H(D)-P-H(D)}]$ [deg]
PH_2	1.4260(71)	91.65(98)
PD_2	1.4230(51)	91.66(71)
Isotopic species	$r_z[\text{P-H(D)}]$ [Å]	$\theta_z[\text{H(D)-P-H(D)}]$ [deg]
PH_2	1.43365(23)	91.622(32)
PD_2	1.42852(17)	91.646(23)

 Hirao, T., Hayakashi, S., Yamamoto, S., Saito, S.: J. Mol. Spectrosc. **187** (1998) 153.

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