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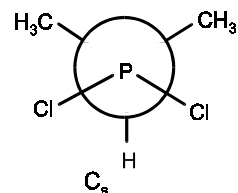
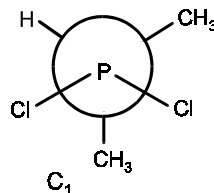
**C<sub>3</sub>H<sub>7</sub>Cl<sub>2</sub>P**

**Dichloroisopropylphosphine**

**C<sub>1</sub>**  
**C<sub>s</sub>**  
Cl<sub>2</sub>P-CH(CH<sub>3</sub>)<sub>2</sub>

$r_a$	$\text{\AA}^a$	$\theta_a$	deg <sup>a)</sup>
C-H	1.094(17)	C-C-H	109.0(24)
C-C	1.549(9)	C-C-P	112.8(10)
C-P	1.850(12)	C-C-C	108.1(28)
P-Cl	2.058(2)	C-P-Cl	101.6(7)
		Cl-P-Cl	100.6(4)

The molecule exists as a mixture of two conformers with symmetry C<sub>1</sub> (80%) and C<sub>s</sub> (20%); see figure.  
The measurements were made at room temperature.



<sup>a)</sup> Three times the estimated standard errors.

Naumov, V.A., Kataeva, O.N.: Zh. Strukt. Khim. **24** No.5 (1983) 96; Russ. J. Struct. Chem. (Engl. Transl.) **24** (1983) 736.