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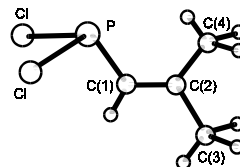
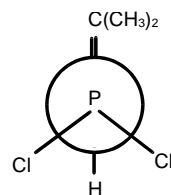
C₄H₇Cl₂P

(2-Methyl-1-propenyl)phosphonous dichloride

C_s

Cl₂P-CH=C(CH₃)₂

r_a	Å ^{a)}	θ_a	deg ^{a)}
C(3,4)-H	1.124(11)	C-P-Cl	99.1(4)
C(1)-H	1.107 ^{b)}	Cl-P-Cl	99.6(6)
C(1)=C(2)	1.322(8)	C(1)=C(2)-C(4)	125.7(14)
C(2)-C(3,4)	1.505(6)	C(1)=C(2)-C(3)	120.1(14)
P-C	1.789(5)	C(2)=C(1)-H	118.0 ^{b)}
P-Cl	2.042(1)	C(2)-C(3,4)-H	110.0(20) ^{c)}
		P-C(1)=C(2)	122.3(9)
		Cl-P-C(2)=C(1) ^{d)}	129.3(3)



Molecule exists only in the *cis* form.
The nozzle was at about 60 °C.

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

^{b)} Assumed.

^{c)} The uncertainty was not specified in the original paper and is roughly estimated.

^{d)} Dependent parameter.

Naumov, V.A., Nesterov, V.Yu.: Zh. Strukt. Khim. **36** No.4 (1995) 674; J. Struct. Chem. (Engl. Transl.) **36** No.4 (1995) 612.