

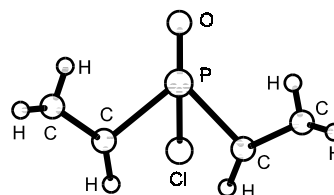
1629
ED

C₄H₆ClOP

Divinylphosphinic chloride

C_s
(H₂C=CH)₂P(O)Cl

$r^a)$	Å ^{b)}	$\theta^a)$	deg ^{b)}
P–Cl	2.029(4)	O=P–Cl	116.1(19)
P–C	1.803(7)	O=P–C	117.9(12)
P=O	1.477(4)	C–P–C	101.5(26)
C=C	1.346(9)	C=C–P	117.2(8)
C–H	1.076 ^{c)}	C=C–H	120 ^{c)}
		$\tau^d)$	34.7(29)



The presence of other conformer(s) could not be excluded.

The temperature of the measurement was not stated, probably room temperature.

^{a)} Unidentified, possibly r_a and θ_a .

^{b)} Estimated standard errors.

^{c)} Assumed.

^{d)} The O=P–C=C torsional angle, $\tau = 0^\circ$ for the *syn* position.

Naumov, V.A., Shaidulin, S.A.: Zh. Strukt. Khim. **17** (1976) 304; Russ. J. Struct. Chem. (Engl. Transl.) **17** (1976) 262.