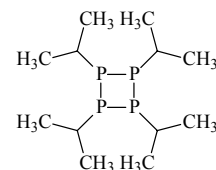


912
ED $C_{12}H_{28}P_4$ **Tetrakis(1-methylethyl)tetraphosphetane****S₄ assumed**

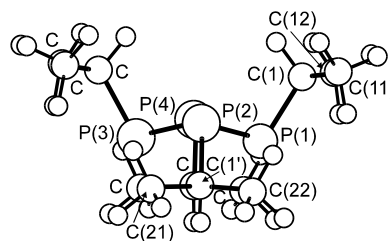
Tetraisopropyltetraphosphetane

r_a	\AA^a
P–P	2.222(2)
P–C	1.869(5)
C–C	1.533(4)
C–H	1.090(4)

θ_a	deg ^{a)}
P(1)–P(2)–P(3)	87.8(2)
P(1)–C(1)–C(11)	111.0(3)
P(2)–P(1)–C(1)	101.2(3)
C(11)–C(1)–C(12)	111.4(8)
C(1)–C(11)–H	112 ^{b)}
P(1)–P(2)–P(3)–P(4)	–22.3(8)
P(4)–P(1)–P(2)–C(1')	123.3(10)
P(1)–P(2)–C(1')–C(22)	72.8(7)
P(1)–P(2)–C(1')–C(21)	162.7(6)
C(11)–C(1)–C(12)–H	104(8)

Local C_{3v} symmetry was assumed for the CCH_3 groups.

The nozzle temperature was 100...103 °C.

^{a)} Twice the estimated standard errors including a systematic error.^{b)} Assumed.Steinicke, A., Thiele, K.-H., Haaland, A., Sokolov, V.I., Volden, H.V.: Z. Anorg. Allg. Chem. **623** (1997) 1925.