SHORT COMMUNICATIONS

Contributions intended for publication under this heading should be expressly so marked; they should not exceed about 1000 *words; they should be forwarded in the usual way to the appropriate Co-editor; they will be published as speedily as possible.*

Acta Cryst. (1981). B37, 490

The crystal and molecular structure of 2-oxo-2-phenoxy-4*H*-1,3,2-benzodioxaphosphorin: errata.

By Z. GAŁDECKI and M. L. GŁÓWKA, *Institute of General Chemistry, Technical University, 36 Żwirki, 90-924 Łódź, Poland*

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Abstract

E.s.d.'s of bond lengths and angles in Tables 3 and 4 of Gałdecki & Główka [*Acta Cryst.* (1978). B**34**, 160–163] are corrected. The mean σ's should be: 0·003 for P–O, 0·004 for O–C, 0·006 for C–C and 0·06 Å for C–H; 0·2 for O–P–O and P–O–C, 0·3 for O–C–C and 0·3° for C–C–C.

All relevant information is contained in the *Abstract*.

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Comparison of two independent structure determinations of (1–3-η-2-methylallyl)palladium chloride dimer.

By GIULIANO BANDOLI and DORE A. CLEMENTE, *Istituto di Chimica e Tecnologia dei Radioelementi del CNR, Area Ricerca, Corso Stati Uniti,* 35100 *Padova, Italy*

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Abstract

Two independent structure analyses of (1–3-η-2-methylallyl)palladium chloride dimer are compared by means of half-normal probability plots. No systematic errors are detected in the derived atomic positions, while the thermal parameters differ significantly between the two studies; this can be attributed to absorption effects. [This work: $C_8H_{14}Cl_2Pd_2$, $P\bar{1}$, a = 9·266 (9), b = 6·332 (6), c = 4·985 (4) Å, α = 92·01 (3), β = 90·77 (3), γ = 95·94 (5)°; R = 0·035 for 1155 reflections.]

Introduction

The crystal structure of the title compound was first reported and thoroughly discussed by Mason & Wheeler (1968) (hereinafter MW). The earlier work had been carried out using visual intensity estimates from film; the present study employs diffractometer X-ray data. Comparison of our results with those of MW gives some information on the precision and accuracy available from diffractometer data.

Experimental

Crystals are triclinic, space group $P\bar{1}$, with a = 9·266 (9), b = 6·332 (6), c = 4·985 (4) Å, α = 92·01 (3), β = 90·77 (3), γ = 95·94 (5)°; crystal size 0·22 × 0·16 × 0·06 mm. Intensity data within a Bragg limit of 27° were collected by the use of a Philips PW 1100 diffractometer (Mo $K\alpha$ radiation). The number of independent reflections was 1270; 1155 reflections

Table 1. *Coordinates* (×10⁴) *and* U_{eq} (×10²) *values of the non-hydrogen atoms*

$U_{eq} = (U_1 U_2 U_3)^{1/3}$, where U_1, U_2 and U_3 are the mean-square displacements along the principal axes of the thermal ellipsoids.

	x	y	z	U_{eq} (Å²)
Pd	−1234 (1)	912 (1)	2191 (1)	3·5
Cl	1046 (2)	2313 (3)	403 (4)	4·4
C(1)	−1753 (10)	3424 (14)	4823 (16)	4·7
C(2)	−3018 (8)	2298 (13)	3806 (15)	4·2
C(3)	−3148 (9)	127 (14)	4219 (17)	5·1
C(4)	−3999 (10)	3296 (16)	1927 (20)	5·9

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