Additions and Corrections

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Douglas B. Grotjahn,* Xi Zeng, Andrew L. Cooksy, W. Scott Kassel, Antonio G. DiPasquale, Lev N. Zakharov, and Arnold L. Rheingold: Experimental and Computational Study of the Transformation of Terminal Alkynes to Vinylidene Ligands on *trans*-(Chloro)bis(phosphine)Rh Fragments and Effects of Phosphine Substituents

Pages 3385−3402. The artwork given for the original Figure 1 was inadvertently included in the paper instead of the correct figure for **6b**, which appears below as the correct Figure 1. The CIF file listed as being for **8** was in fact the CIF for the complex inadvertently shown in the previous Figure 1; the correct CIF for **8** is now available in the Supporting Information. To the single entry in Table 1 for the Rh−P bond distance for **6b** should be added the value 2.3431(14) Å, because in this particular structure, the two Rh−P bond distances are slightly different. In addition, Table 6 in the original paper had incorrect entries for compound **8**. The correct version of Table 6 appears below.

Supporting Information Available: A CIF file giving the crystal data for compound **8**. This material is available free of charge via the Internet at http://pubs.acs.org.

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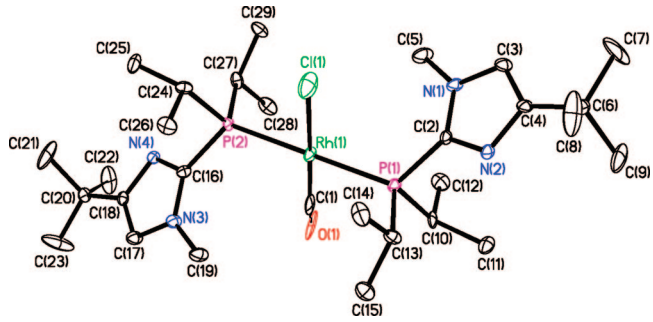

Figure 1

Table 6. Collection Data for Crystal Structures of the Complexes

	6b	6c	6d	8
formula	$C_{29}H_{54}ClN_4OP_2Rh$	$C_{25}H_{38}ClOP_2Rh$	$C_{27}H_{42}ClOP_2Rh$	$C_{28}H_{54}ClN_4P_2Rh\cdot CH_2Cl_2$
mw	675.06	554.85	582.91	731.98
cryst syst	monoclinic	monoclinic	monoclinic	monoclinic
space group	$P2_1/n$	$P2_1/n$	$P2_1/c$	$P2_1/c$
color, habit	yellow, block	yellow, blade	yellow, blade	orange, plate
a (Å)	7.9000(4)	8.5410(8)	10.232(11)	14.1238(9)
b (Å)	24.4193(12)	7.7860(7)	15.409(17)	13.6555(9)
c (Å)	8.9974(4)	19.8080(17)	9.569(10)	18.8057(12)
β (deg)	96.793(1)	96.300(2)	113.509(15)	97.2960(10)
V (Å^3)	1723.53(14)	1309.3(2)	1383(3)	3597.6(4)
Z	2	2	2	4
D_{calcd} (g cm^{-3})	1.301	1.407	1.399	1.351
T (K)	100	208	208	213
$2\theta_{max}$ (deg)	55.0	50.0	52.0	56.2
no. of measd rflns	10 730	7073	8269	8413
no. of indep rflns	3928	2314	2714	7796
no. of params	195	146	151	386
$R(F)$ ($I > 2\sigma(I)$), %[a]	3.62	4.96	4.75	3.47
$R(wF^2)$ ($I > 2\sigma(I)$), %[b]	8.72	5.31	11.19	9.37
GOF	1.137	1.210	1.089	1.045
resid electron density	0.488	0.928	0.712	0.963

[a] $R = \sum||F_o| - |F_c||/\sum|F_o|$. [b] $R(wF^2) = \{\sum[w(F_o^2 - F_c^2)^2]/\sum[w(F_o^2)^2]\}^{1/2}$; $w = 1/[\sigma^2(F_o^2) + (aP)^2 + bP]$, $P = [2F_c^2 + \max(F_o,0)]/3$.

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