

Additions and Corrections

Kom-Bei Shiu,* Chang-Chuan Chou, Sue-Lein Wang, and Shi-Chen Wei: Organotransition-Metal Complexes of Multidentate Ligands. 11. Synthesis, Structure, and Reactivity of the First Intramolecular Coordination Compound with a Weakly Bound η^2 -Arene. 1990, 9, 286.

In this communication, we proposed a synthetic strategy in preparing the intramolecular η^2 -arene complexes and demonstrated it by obtaining one such compound, $(\text{PhHCPz}'_2)\text{Mo}(\text{CO})_3$ ($\text{Pz}' = 3,5\text{-dimethylpyrazol-1-yl}$), from the thermolysis of $(\text{PhHCPz}'_2)\text{Mo}(\text{CO})_4$ (Scheme I). In describing the successful study, we missed several important prior literature reports, including (1) the first example of a coordinated compound containing a weakly bound, intramolecular η^2 -arene bonding interaction, which was, in fact, reported earlier by Peterson's group in an article about the solid-state structure of $(\text{PhPPz}'_2)\text{W}(\text{CO})_3$ (Cobbledick, R. E.; Dowdell, L. R. J.; Einstein, F. W. B.; Hoyano, J. K.; Peterson, L. K. *Can. J. Chem.* 1979, 57, 2285) and (2) complexes with the general formula $\text{LM}(\text{CO})_n$, where $\text{L} = \text{PhPPz}'_2$ or PhHCPz'_2 , $\text{M} = \text{Mo}$ or W , and $n = 3$ or 4 , which can also be prepared by alternative routes via the reaction of the appropriate ligand with substituted metal carbonyl complexes such as $(\text{NBD})\text{M}(\text{CO})_4$ (NBD = norbornadiene) and $(\text{MeCN})_3\text{M}(\text{CO})_3$ (Davis, H. B.; Hoyano, J. K.; Leung, P. Y.; Peterson, L. K.; Wolstenholme, B. *Can. J. Chem.* 1980, 58, 151. Leung, P. Y.; Peterson, L. K. 63rd Annual CIC Conference, Ottawa, Canada, 1980; Paper IN-60). We thank Professor L. K. Peterson, Simon Fraser University, for drawing our attention to the above omissions. However, the corrections do not influence the importance and the general application of the proposed strategy. A full paper concerning the η^2 -arene compounds will soon be submitted for publication to cover all the related material, including these omissions.