

Additions and Corrections

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M. E. García Posse, M. A. Juri, P. J. Aymonino,* O. E. Piro, H. A. Negri, and E. E. Castellano: Synthesis, Crystal and Molecular Structure, and Spectroscopic Properties of Tris(2,2'-bipyridyl)iron(II) Nitroprusside Tetrahydrate, $[\text{Fe}(\text{bpy})_3][\text{Fe}(\text{CN})_5\text{NO}] \cdot 4\text{H}_2\text{O}$.

Page 948. After this work went to press, our attention was called to the following publication, where the substance of the title and some of its properties are described: Buhl, F.; Kania, K. *Pr. Nauk. Univ. Slask. Katowicach* **1977**, No. 171, 55–67 (*Chem. Abstr.* **1978**, 89, 122048e).—P. J. Aymonino

Rudy Luck and Robert H. Morris*: Reversible Binding of Dinitrogen and Dihydrogen by $\text{Mo}(\eta^6\text{-PhPMePh})(\text{PMePh}_2)_3$: Use of $[\text{9-BBN}]_2$ as a Phosphine Sponge Reagent.

Page 1489. In an attempt to see if the complex $\text{Mo}(\eta^6\text{-PhPMePh})(\text{PMePh}_2)_2(\text{H})_2$ (**4**) is actually a molecular hydrogen adduct as has recently been reported (Kubas, G. J.; et al. *J. Am. Chem. Soc.* **1984**, 106, 451) for some related complexes of Mo and W, we prepared the complex $\text{Mo}(\eta^6\text{-PhPMePh})(\text{PMePh}_2)_2(\text{H})(\text{D})$ and did not observe the large (~ 30 Hz) coupling $^1J(\text{H},\text{D})$ expected for a $\eta^2\text{-HD}$ complex. We conclude that molecular adducts are not obtained for our compounds. We found in this study that the hydride spectrum for **4** reported in our paper as a triplet was not well resolved. It is actually a doublet of triplets due to a coupling $^3J_{\text{PH}}$ to the "dangling" phosphorus: $\delta -4.34$ (dt, $^2J_{\text{PH}} = 49$ Hz, $^3J_{\text{PH}} = 3.2$ Hz, Mo–H).—Robert H. Morris