

Correction to Synthesis and Structure of Cationic Phosphine Gold(I) Enol Ether Complexes

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In our article, we identified two errors regarding the comparison of enol ether equilibrium constants to hydrocarbon alkene equilibrium constants (article p 7334, paragraph below Table 1). First, the equilibrium constant for the displacement of acetonitrile by 1,3-cyclohexadiene from $\{(t\text{-Bu})_2(o\text{-biphenyl})\text{PAuNCCH}_3\}^+\text{SbF}_6^-$ is $K_{\text{eq}} = 0.4$ (not 0.13 as reported). Second, we misquoted the K_{eq} value from Widenhoefer's work (ref 7c in the original paper).¹ The $K_{\text{eq}} = 1.21$ value refers to the relative binding of 1,3-cyclohexadiene in comparison to isobutylene (not 3,5-bis(trifluoromethyl)benzonitrile, NCAr_F , as we stated). The "correction factor" ($K_{\text{NCCH}_3}/K_{\text{NCAr}_F}$) that we calculated is therefore both incorrect and unnecessary. More simply stated, 3-methoxypropene coordinates ~ 240 times more strongly than 1,3-cyclohexadiene and, correspondingly, ~ 280 times more strongly than isobutylene. Although the alkene/enol ether K_{eq} ranges do not overlap (as previously stated), the weakly coordinating enol ethers (ethyl vinyl ether and 2,3-dihydrofuran) are only moderately more coordinating than the most strongly coordinating alkenes (see also ref 7e in the original paper).² We apologize for any confusion created by the error.

■ REFERENCES

- (1) Brooner, R. E. M.; Widenhoefer, R. A. *Organometallics* 2011, 30, 3182–3193.
- (2) Brown, T. J.; Dickens, M. G.; Widenhoefer, R. A. *Chem. Commun.* 2009, 6451–6453.

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