Angewandte Corrigendum

An Unusually Small Singlet–Triplet Gap in a Quinoidal 1,6-Methano[10]annulene Resulting from Baird's 4*n* π-Electron Triplet Stabilization

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During their continued synthetic studies associated with the TMTQ quinoidal molecule reported in this Communication, the authors found that the NMR spectra of the new quinoidal derivatives were identical to those appearing in Figures S7 and S8 of the Supporting Information for this article. Due to the poor solubilities of TMTQ and related compounds, they realized that an impurity had been observed, now assigned as triphenylphosphine oxide based on comparisons to an authentic sample. This impurity presumably arises from oxidation of the ligands associated with the $[Pd(PPh_3)_4]$ catalyst used for the Takahashi coupling.

A much purer sample of TMTQ has now been obtained using another Pd source and purification by repeated column chromatography. New spectra for Figures S7 and S8, along with an interpretation of the results, are available as a Supporting Information for this Corrigendum.

The UV-Vis-NIR absorption spectra and the IR and Raman spectra of the newly purified TMTQ were found to be identical to the original report, except for some expected differences in the fingerprint region of the IR spectrum (1000–700 cm^{-1}) that were not essential for the presented analysis. Therefore, the findings and interpretations of the initial report are not changed in any way.

The authors apologize for this oversight and they thank Prof. Michael M. Haley (University of Oregon) for raising some initial concerns about the VT-NMR data and sharing his own data.[1] Justin R. DeFrancisco (Johns Hopkins) determined and eliminated the source of the impurity and collected the new VT-NMR data.

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[1] G. E. Rudebusch, J. L. Zafra, K. Jorner, K. Fukuda, J. L. Marshall, I. Arrechea-Marcos, G. L. Espejo, R. Ponce Ortiz, C. J. Gómez-García, L. N. Zakharov, M. Nakano, H. Ottosson, J. Casado, M. M. Haley, *Nature Chem.* **2016**, DOI: 10.1038/nchem.2518.