



Correction to "Palladium-Catalyzed Chemo- and Enantioselective Oxidation of Allylic Esters and Carbonates"

Barry M. Trost,* Jeffery Richardson, and Kelvin Yong

J. Am. Chem. Soc. 2006, 128, 2540-2541. DOI: 10.1021/ja057163d

Supporting Information

In the table of contents graphic and Supporting Information, the absolute stereochemistry of the products for Table 2, entries 1-3 (pages S17-S19) should be revised, based on evaluation of the optical rotation data for the product in entry 2. The obtained rotation for this compound, $[\alpha]_{\rm D} = -179.6$ (*c* = 0.64, $CHCl_3$), is of comparable magnitude but opposite sign to the literature value for (R)-4-benzoyloxycyclohex-2-enone, $[\alpha]_{D}^{20} = +201$ (c = 0.85, CHCl₃).¹ Thus, the corrected stereochemical assignment is (S)-4-benzoyloxycyclohex-2enone. This analysis was performed incorrectly in the Supporting Information, and the incorrect structure was drawn on page S17. By analogy, the structures for entries 1 and 3 in the Supporting Information should also be changed to the (S) products. However, the correct structures are drawn in the Communication itself (page 2541, Table 2, entries 1-3). Notably, this corrected sense of stereoinduction is in line with empirical models for π -allylpalladium reactions.²



ASSOCIATED CONTENT

S Supporting Information

Experimental procedures and characterization data for all new compounds (corrected). This material is available free of charge via the Internet at http://pubs.acs.org.

REFERENCES

(1) Yu, L.; Zhang, R.; Wang, Z. J. Chem. Soc., Perkin Trans. 1 2001, 2958.

(2) Trost, B. M.; Van Vranken, D. L. Chem. Rev. 1996, 96, 395.



