Organic LETTERS

Addition/Correction

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Correction to "Rhodium-Catalyzed Synthesis of Benzosilolometallocenes via the Dehydrogenative Silylation of C(sp^2)–H Bonds"

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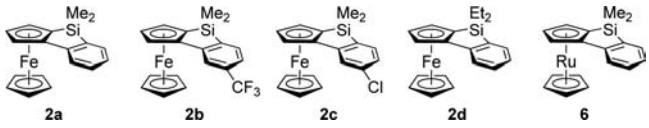
Supporting Information

The (*R*)- and (*S*)-designations for the absolute configuration of the chiral benzosilolometallocene **2a** were incorrectly assigned in the paper. The structure of the major enantiomer of **2a** obtained from the reaction using [RhCl(cod)]$_2$ and (*R*)-DTBM-SEGPHOS was "*R*" not "*S*". This was unambiguously determined by single-crystal X-ray crystallography. Because the absolute configurations of **2b**, **2c**, **2d**, and **6** were deduced from the configuration of **2a** (see ref 18 in the original paper), the configurations of these products were also drawn incorrectly. The correct structural drawings for these compounds are provided below.



The optical rotations for the major enantiomers obtained in this study are summarized below. The measurements were carried out using a Horiba model SEPA-300A high-sensitive instrument.

2a: $[\alpha]^{19}_D$ = 434 (*c* = 0.78, $CHCl_3$, 100% ee), $[\alpha]^{22}_D$ = 329 (*c* = 3.2, acetone, 100% ee).

2b: $[\alpha]^{23}_D$ = 481 (*c* = 0.34, $CHCl_3$, 100% ee), $[\alpha]^{22}_D$ = 457 (*c* = 0.34, acetone, 100% ee)

2c: $[\alpha]^{20}_D$ = 124 (*c* = 0.50, $CHCl_3$, 100% ee), $[\alpha]^{23}_D$ = 115 (*c* = 1.0, acetone, 100% ee).

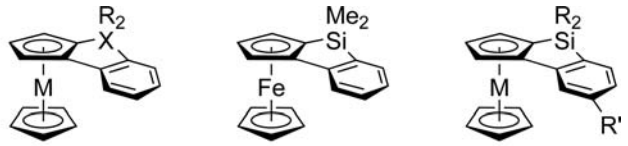
2d: $[\alpha]^{24}_D$ = 490 (*c* = 0.50, $CHCl_3$, 100% ee), $[\alpha]^{22}_D$ = 420 (*c* = 1.0, acetone, 100% ee).

6: $[\alpha]^{22}_D$ = 251 (*c* = 0.72, $CHCl_3$, 100% ee), $[\alpha]^{21}_D$ = 200 (*c* = 0.89, acetone, 100% ee).

Shibata et al. reported the optical rotation of (*S*)-**2a** as $[\alpha]^{17}_D$ = −339 (*c* = 0.79, $CHCl_3$, 85% ee), and He et al. reported the optical rotation of (*S*)-**2d** as $[\alpha]^{17}_D$ = −363 (*c* = 3.0, acetone, $CHCl_3$, enantiomeric excess not reported) (see ref 7 in the original paper). The absolute configurations for these compounds were determined unambiguously by single-crystal X-ray crystallography. The results support the conclusion that the absolute configuration of the major enantiomers of **2a** and **2d** in the present study was *R*.

The structures shown in the Supporting Information were also drawn incorrectly and should be revised in the same way. Correspondingly, the absolute configuration of **2a** in the Supporting Information (page S6) should be corrected to read "(*R*)-8,8-dimethylbenzosilolo[2,3-*a*]ferrocene".

The structures of the products in the Abstract, Table of Contents, Figure 1, Table 1, and Figure 3 should be revised as follows:



Abstract Table of Contents | Table 2 | Figure 3

With the corrections outlined above, the sentences in the original manuscript should be revised as follows:

Line 20 of the left column, page 3103: "...the results shown in Table 1...".

Line 22 of the left column, page 3103: "...was assigned as *R* by a comparison...".

Figure 2: "S_p-**2a**" should be "R_p-**2a**", and "R_p-**2a**" should be "S_p-**2a**".

Table 2: The assignment of the product should be "*R*-**2a**".

The mistakes regarding the absolute configurations do not affect the validity of any of the reported yields, data, or information provided in the Experimental Section of the original manuscript and the Supporting Information. In addition, the results and conclusions of the Communication also remain valid. The authors sincerely apologize for the errors in reporting the absolute configurations.

■ ASSOCIATED CONTENT

Supporting Information

Revised Supporting Information, with corrected configurations and a CIF file for (*R*)-**2a** is included with this Correction. The Supporting Information is available free of charge on the ACS Publications website at DOI: 10.1021/acs.orglett.6b01399.

(PDF)
(CIF)

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