

Addition/Correction

Efficient Synthesis of Optically Active Atropisomeric Anilides through Catalytic Asymmetric *N*-Arylation Reaction [*J. Am. Chem. Soc.* 2005, 127, 3676–3677].

Osamu Kitagawa, Masashi Takahashi, Masatoshi Yoshikawa, and Takeo Taguchi

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Efficient Synthesis of Optically Active Atropisomeric Anilides through Catalytic Asymmetric *N*-Arylation Reaction [*J. Am. Chem. Soc.* **2005**, *127*, 3676–3677]. Osamu Kitagawa, Masashi Takahashi, Masatoshi Yoshikawa, and Takeo Taguchi*

In this communication, although we described that no racemization of the *N*-arylated products **2** may occur under the present reaction conditions (for 2–6 h at 80 °C in toluene), this description was recently found to be incorrect. We are replacing the first two sentences of the last paragraph (page 3676, right column) with the following: The stability for atropisomerism of *N*-arylated products **2** under the present reaction conditions (for 2–6 h at 80 °C in toluene) was further tested by using isolated products **2a**, **2b**, and **2d**. When amides **2a** (93% ee), **2b** (95% ee), and **2d** (93% ee) were heated for 3 h at 80 °C in toluene (similar to the reaction conditions for the preparation of **2a** and **2b**), slight decreases in the ee's were observed (**2a**: 91% ee, **2b**: 93% ee, **2d**: 90% ee). These results indicate that racemization of the product **2**, although with slow rate, may occur during the present reaction.

Although the above correction does not affect the results shown in Table 1, we regret such a mistake. Incidentally, in atropisomeric lactam **4a** (70% ee), as described in the paper, any appreciable change in the ee was not detected even after the heating for 24 h at 80 °C in toluene.

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