

Correction to "Diastereoselective Passerini Reaction of Biobased Chiral Aldehydes: Divergent Synthesis of Various Polyfunctionalized Heterocycles"

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Formula A of Scheme 1 (rationalization of diastereoselection) was wrong. Actually, that model predicts the wrong diastereomer.

An alternative rationalization model is proposed here. Thus, Scheme 1 should be replaced as follows:

Scheme 1. Diastereoselective Passerini Reaction of in Situ Generated Aldehyde 3

Accordingly, the sentence just preceding Scheme 1 should be modified as follows: "We think that the improvement of diastereoselection in the presence of $ZnBr_2$ catalysis may be due to chelation of the metal by the carbonyl oxygen and one of the dioxolane oxygens (see formula A in Scheme 1). This chelation would fix the position of the carbonyl as depicted. In this arrangement, the right face would be more encoumbered by the dioxolane methyls, and thus, attack would take place from the left according to Felkin—Anh model."

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