

Correction

CHEMISTRY

Correction for “Rapid synthesis of cyclic oligomeric depsipeptides with positional, stereochemical, and macrocycle size distribution control,” by Suzanne M. Batiste and Jeffrey N. Johnston, which was first published December 14, 2016; 10.1073/pnas.1616462114 (*Proc. Natl. Acad. Sci. U.S.A.* **113**, 14893–14897).

The authors wish to note the following: “The synthesis and characterization of two cyclooligomeric depsipeptides (COD) with 36- and 60-membered ring sizes (**9** and **14**, respectively) were reported, based in part on mass spectrometry data. We have since prepared the 36-membered COD through a different synthesis route and conclude that **9** in this work should be reassigned to the 18-membered COD (**7**). A similar reinspection of the data provided for **14** leads us to believe that it should be reassigned to the 30-membered COD (**8**). These reassignments affect the yield distributions in Figures 3 and 4 (greatly shifted for specific CODs), but do not otherwise change the general conclusion that additives can dramatically affect the relative amounts of CODs formed in a Mitsunobu-based macrocyclooligomerization (MCO). The remaining new compounds, and yields for their formation are unchanged, including the results for additive effects on a diastereomeric didepsipeptide (Fig. 5). Details of the reinvestigation, including the outcomes of experiments designed to understand the mechanism of formation of ‘impossible’ CODs from the MCO of tetradepsipeptide **13** are summarized in DOI:10.1021/acs.joc.0c03069. (1)”

1. A. N. Smith, J. N. Johnston, The formation of impossible rings in macrocyclooligomerizations for cyclodepsipeptide synthesis: The 18-from-12 paradox. *J. Org. Chem.*, 10.1021/acs.joc.0c03069 (2021).

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