

Correction to “Concise and Stereoselective Total Syntheses of Annotinolides C, D, and E”

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J. Am. Chem. Soc. **2021**, *143* (31), 11951–11956. DOI: 10.1021/jacs.1c05942



Cite This: *J. Am. Chem. Soc.* **2021**, *143*, 17300–17301



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We wish to clarify that because we have not determined the absolute configuration of our isolated individual enantiomers (of compounds such as **40** and **41**), we have drawn these species with the same relative orientation so as not to imply a defined identity for them.

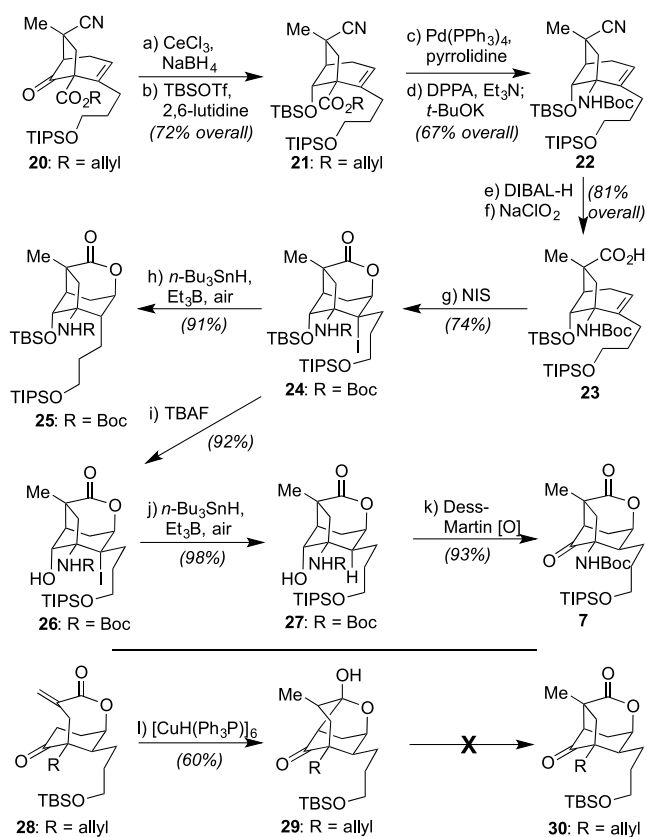
In addition, following the initial appearance of this work, we realized that the hydride transfer converting **26** into **27**, as drawn in *Scheme 3*, would actually reflect a [1,4]-hydride transfer, which, while known, is generally rare. An alternate explanation for the observed outcome could be a [1,6]-hydride transfer pathway. For this manifold to be active, Et₃B would need to react with the free alcohol to form a borinate, followed by intramolecular hydrogen abstraction of a C–H atom on a methylene adjacent to the boron. See, for example, ref 1.

REFERENCES

(1) Han, S.; Jones, R. A.; Quiclet-Sire, B.; Zard, S. Z. *Tetrahedron* **2014**, *70*, 7192–7206.

Published: October 5, 2021



Scheme 3. Completion of the [3.2.1]-Core of the Annotinolides^a

^aReagents and conditions: (a) $\text{CeCl}_3 \cdot 7\text{H}_2\text{O}$ (1.2 equiv), NaBH_4 (1.5 equiv), MeOH (0.1 M), 0 to 23 °C, 0.5 h, 84%; (b) 2,6-lutidine (5.0 equiv), TBSOTf (1.5 equiv), CH_2Cl_2 (0.1 M), 23 °C, 4 h, 86%; (c) $\text{Pd}(\text{PPh}_3)_4$ (0.4 equiv), pyrrolidine (1.2 equiv), MeCN (0.1 equiv), 0 to 23 °C, 1 h, 82%; (d) DPPA (1.0 equiv), Et_3N (2.0 equiv), toluene (0.1 M), 23 °C, 0.5 h; then 110 °C, 1 h; then $t\text{-BuOK}$ (2.0 equiv), 23 °C, 1 h, 82%; (e) DIBAL-H (4.0 equiv), toluene, 0 °C, 15 min, 85%; (f) $\text{NaH}_2\text{PO}_4 \cdot 2\text{H}_2\text{O}$ (20 equiv), NaClO_2 (10 equiv), $t\text{-BuOH}/\text{H}_2\text{O}/2\text{-methyl-2-butene} = 3:3:1$ (0.05 M), 23 °C, 40 min, 95%; (g) NIS (10 equiv), CH_2Cl_2 , 23 °C, 6 h, 74%; (h) $n\text{-Bu}_3\text{SnH}$ (1.5 equiv), Et_3B (1.0 equiv), air, toluene (0.05 M), 0 °C, 15 min, 91%; (i) TBAF (1.0 equiv), THF (0.1 M), 0 °C, 15 min, 92%; (j) $n\text{-Bu}_3\text{SnH}$ (1.5 equiv), Et_3B (1.0 equiv), air, toluene (0.05 M), 0 °C, 15 min, 98%; (k) Dess-Martin periodinane (2.0 equiv), NaHCO_3 (10.0 equiv), CH_2Cl_2 (0.05 M), 23 °C, 30 min, 93%; (l) $[\text{CuH}(\text{Ph}_3\text{P})]_6$ (0.5 equiv), toluene (0.5 M), 23 °C, 1 h, 60%.