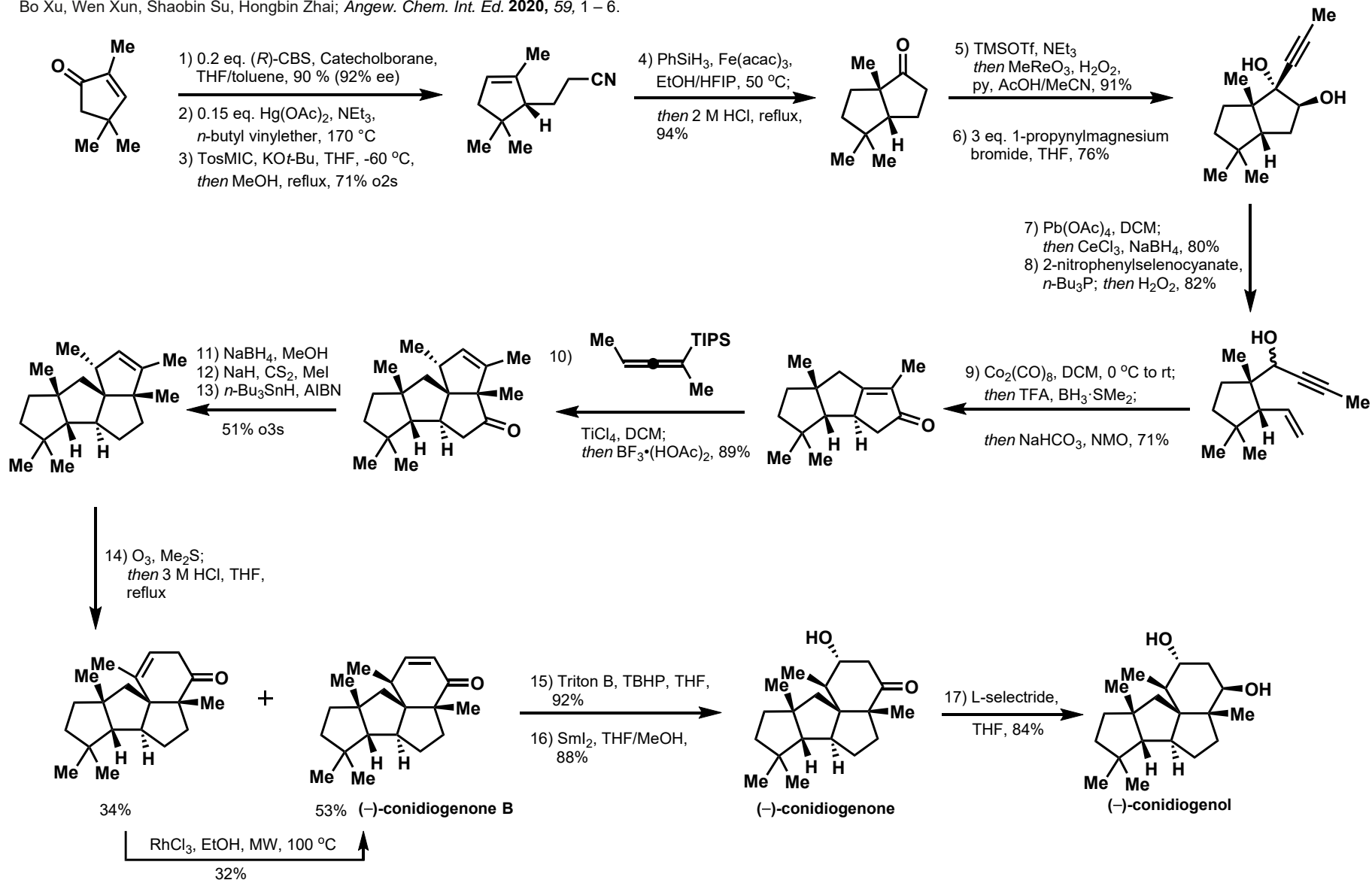


Total Syntheses of (-)-Conidiogenone B, (-)-Conidiogenone, and (-)-Conidiogenol

Po Yuan 08.09.20

Bo Xu, Wen Xun, Shaobin Su, Hongbin Zhai; *Angew. Chem. Int. Ed.* **2020**, *59*, 1 – 6.



Synthesis of **SM**: *Org. Synth.* **2006**, *83*, 49 – 54;

Step 4: iron-mediated HAT alkene–nitrile cyclization, *Chem. Eur. J.* **2018**, *24*, 18658–18662;

Step 5: MeReO₃-catalyzed Rubottom oxidation, *J. Org. Chem.* **1998**, *63*, 4129 – 4130;

Step 10: Danheiser annulation, *J. Am. Chem. Soc.* **1981**, *103*, 1604–1606.