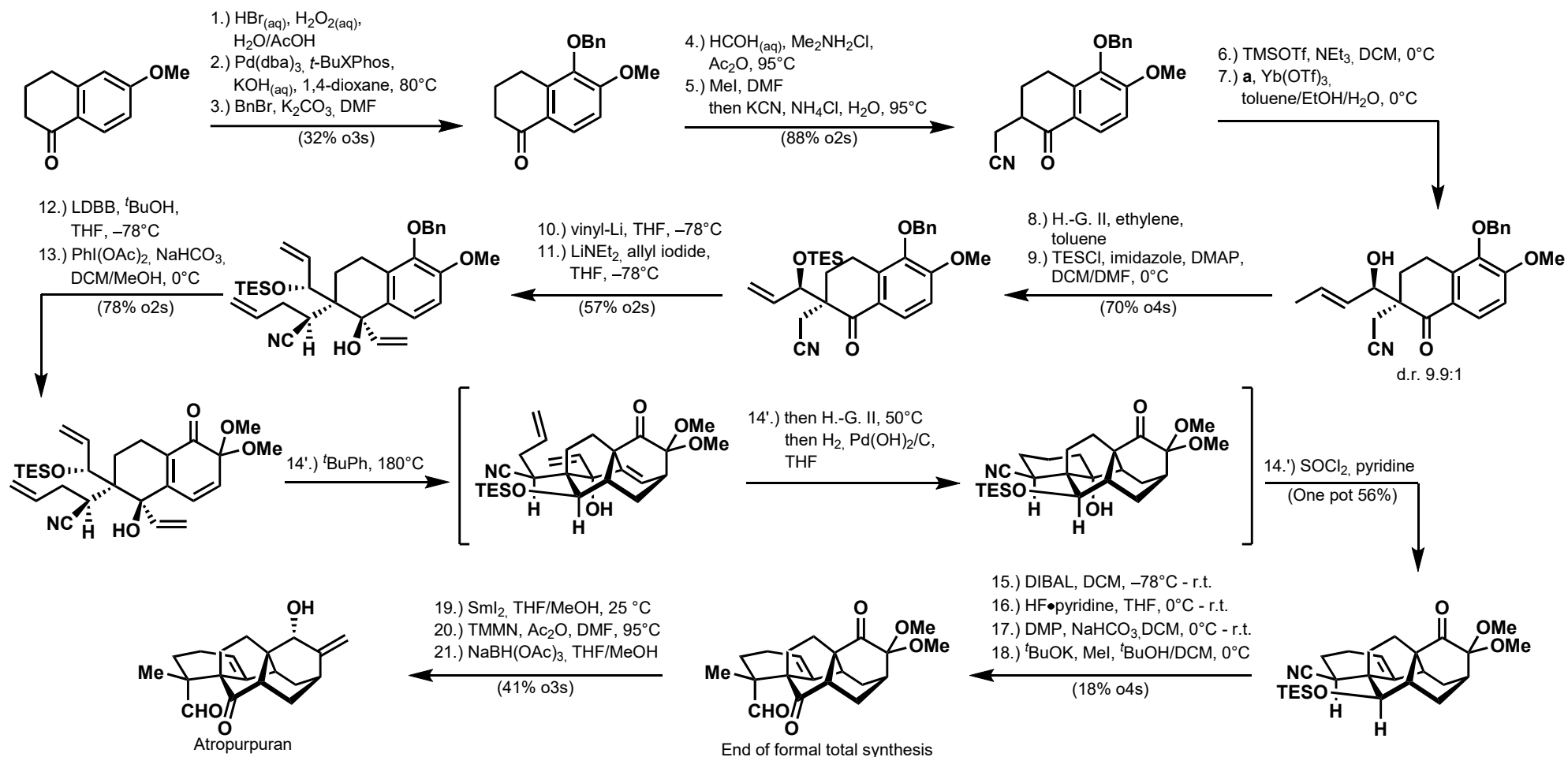


Formal Total Synthesis of Atropurpuran

T. Suzuki, T. Koyama, K. Nakanishi, S. Kobayashi, K. Tanino, *J. Org. Chem.* **2020**, *85*, 10125-10135



Step 7.) Lanthanide catalysed aldol reaction: S. Kobayashi, I. Hachiya, Y. Yamanoi, *Bull. Chem. Soc. Jpn.* **1994**, *67*, 2342-2344

Last steps of the synthesis: Xu *et al.*, *J. Am. Chem. Soc.* **2019**, *141*, 3435-3439

Step 20.) α -methylenation: J. Yeoman, V. Mak, S. Reisman, *J. Am. Chem. Soc.* **2013**, *135*, 11764-11767

