

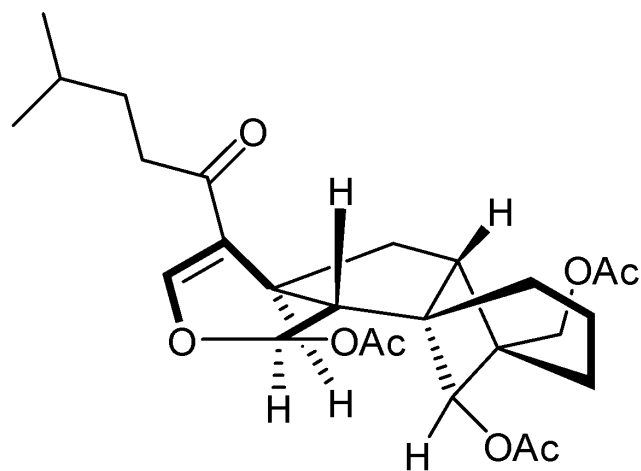
Total Synthesis

International Edition: DOI: 10.1002/anie.201808517

German Edition: DOI: 10.1002/ange.201808517

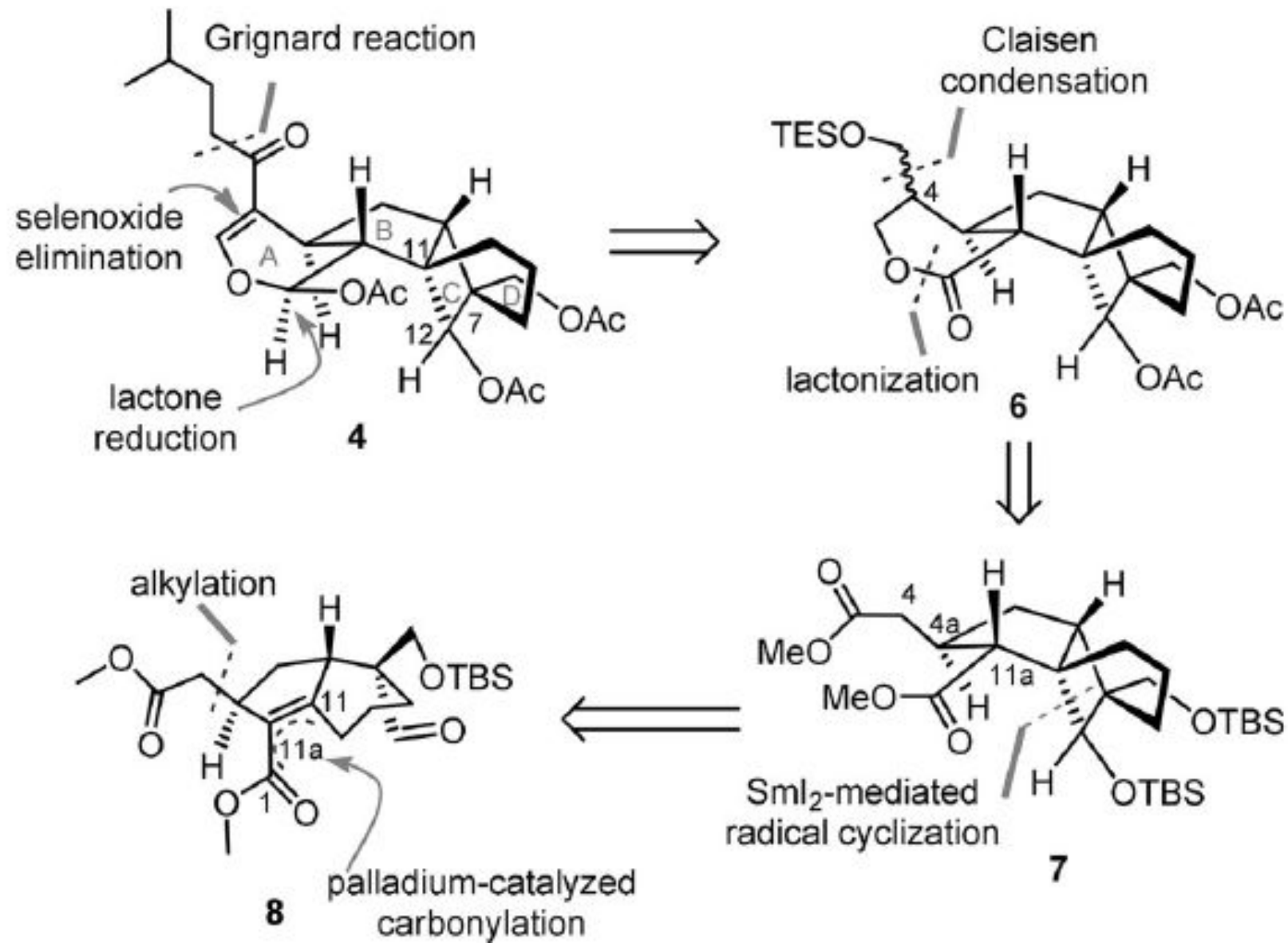
Enantioselective Total Synthesis of (+)-Plumisclerin A

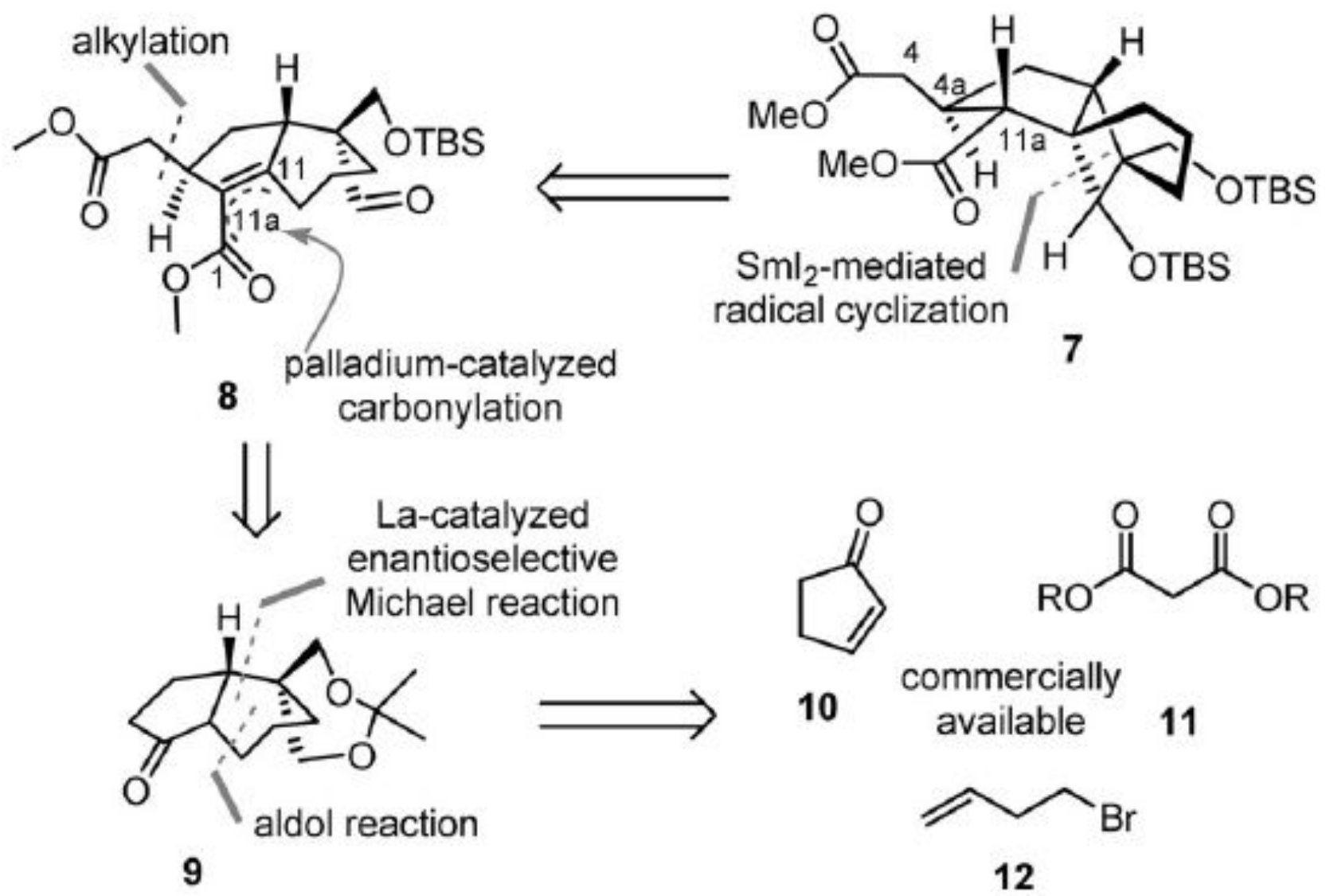
Ming Gao, Ye-Cheng Wang, Kai-Rui Yang, Wei He, Xiao-Liang Yang, and Zhu-Jun Yao*

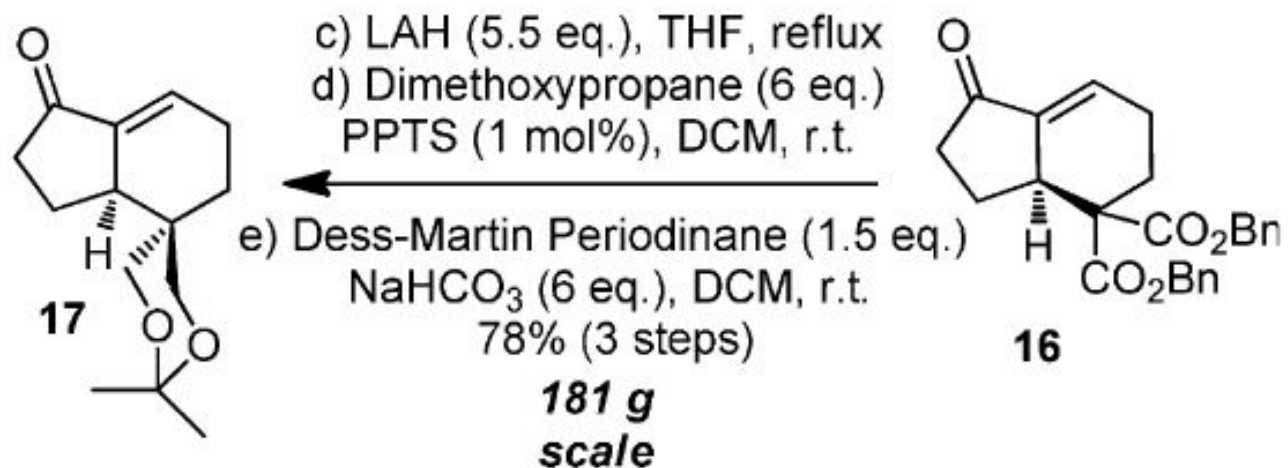
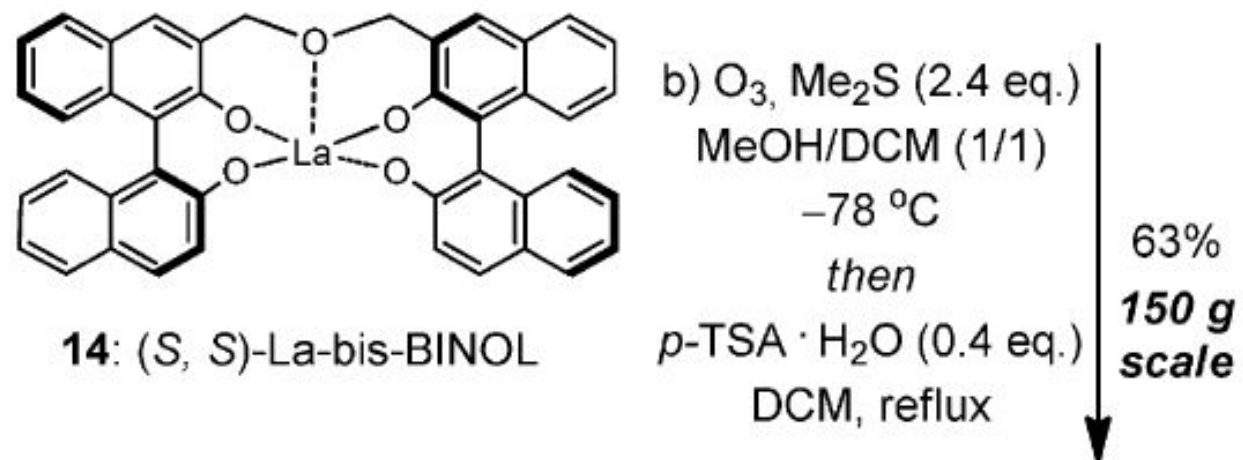
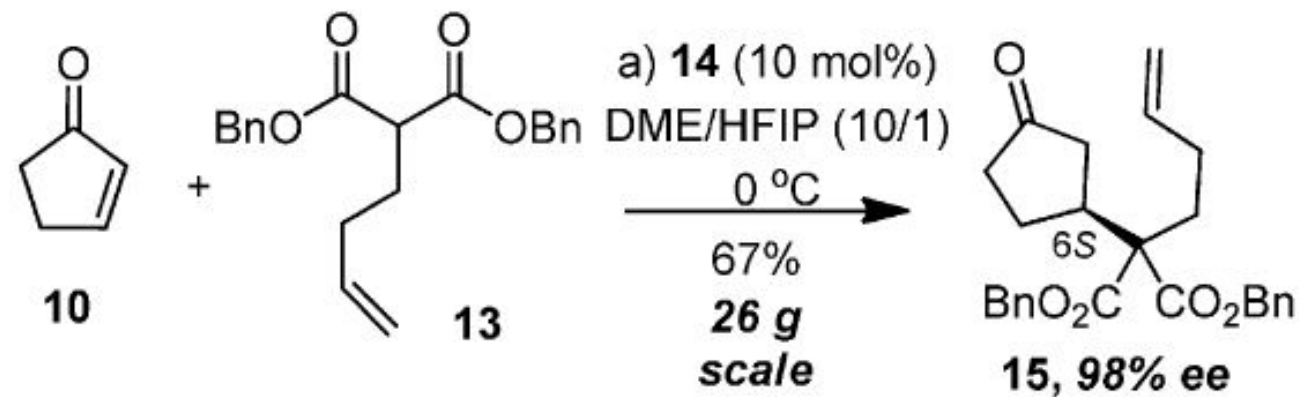


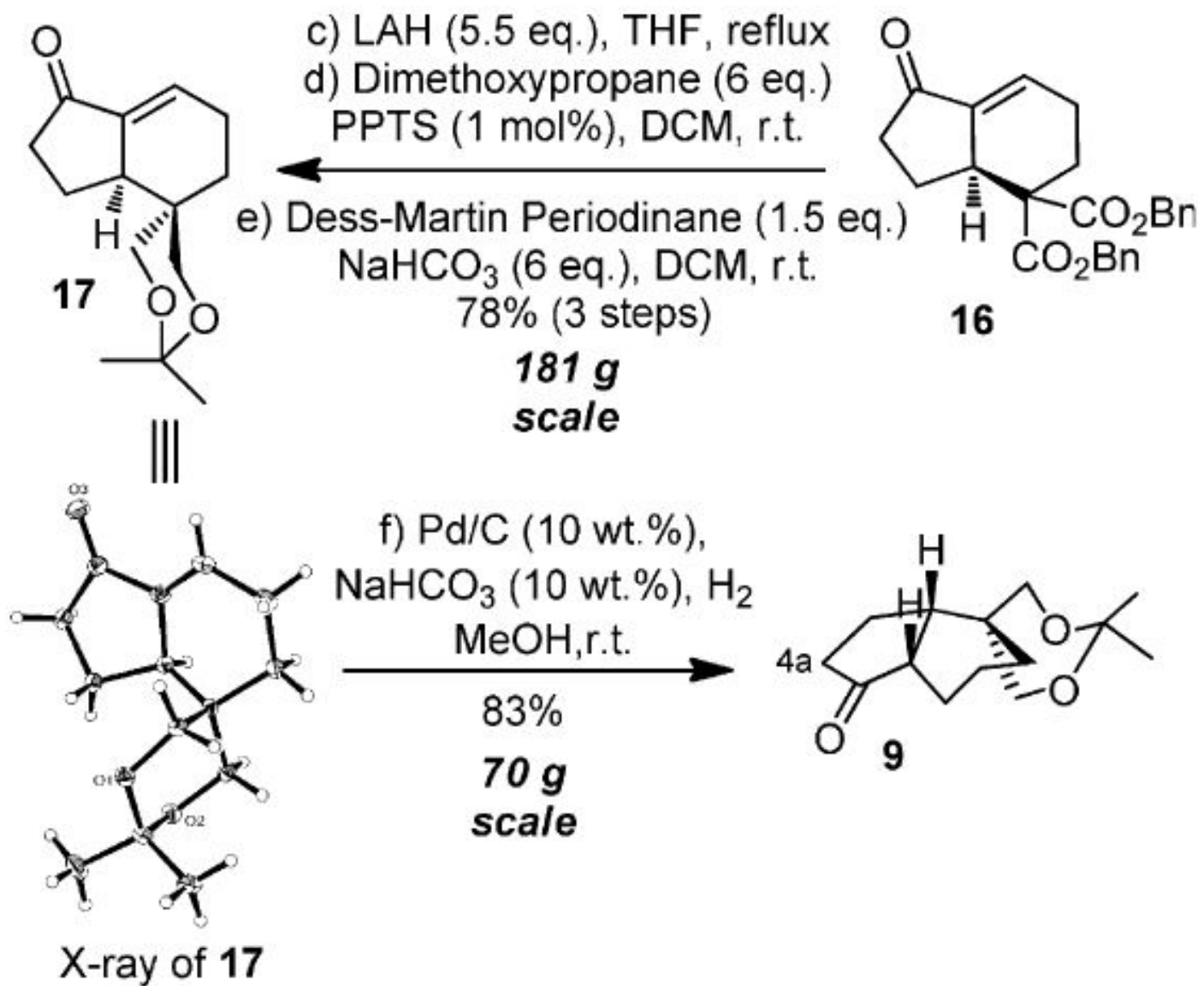
(+)-Plumisclerin A

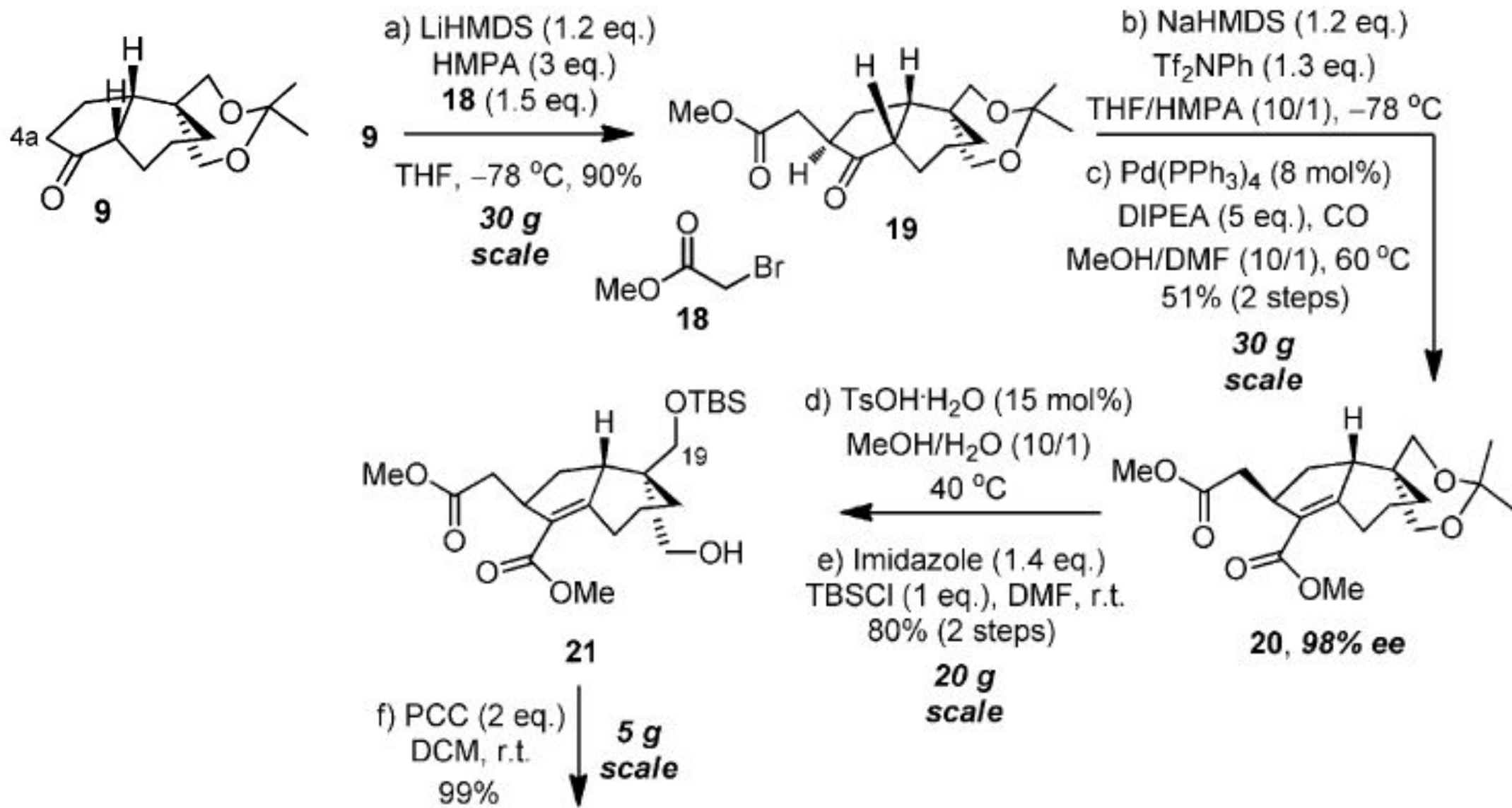


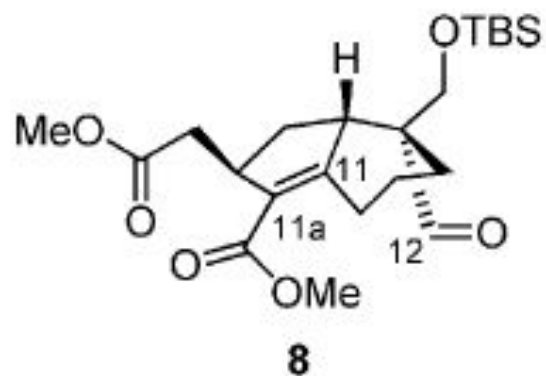




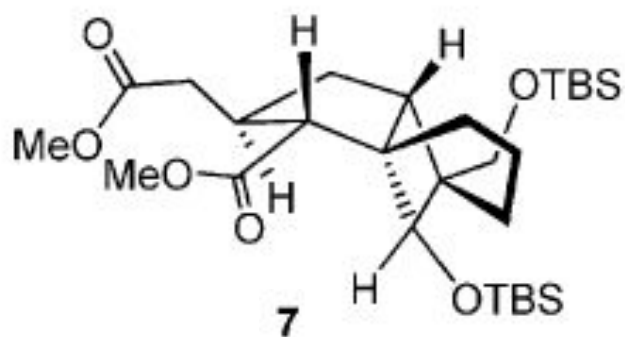
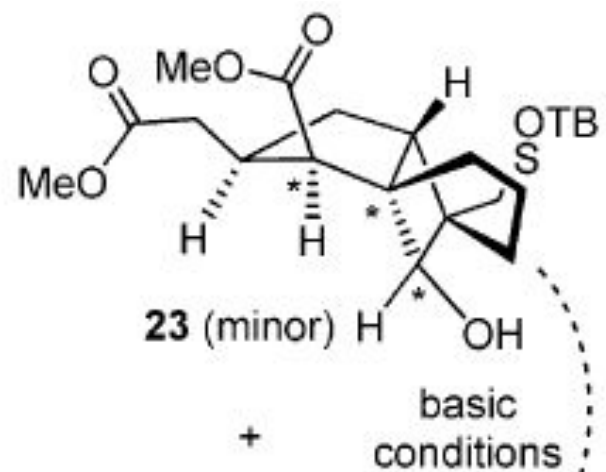








j) HMPA (15 eq.)
 Sml₂ (5 eq.)
 THF/*t*-BuOH (10/1)
 -78 °C, 86%
23/22 = 1/3.3
5 g scale



h) Et₃N (4 eq.)
 TBSOTf (2 eq.)
 DCM, r.t., 91%
3.2 g scale

