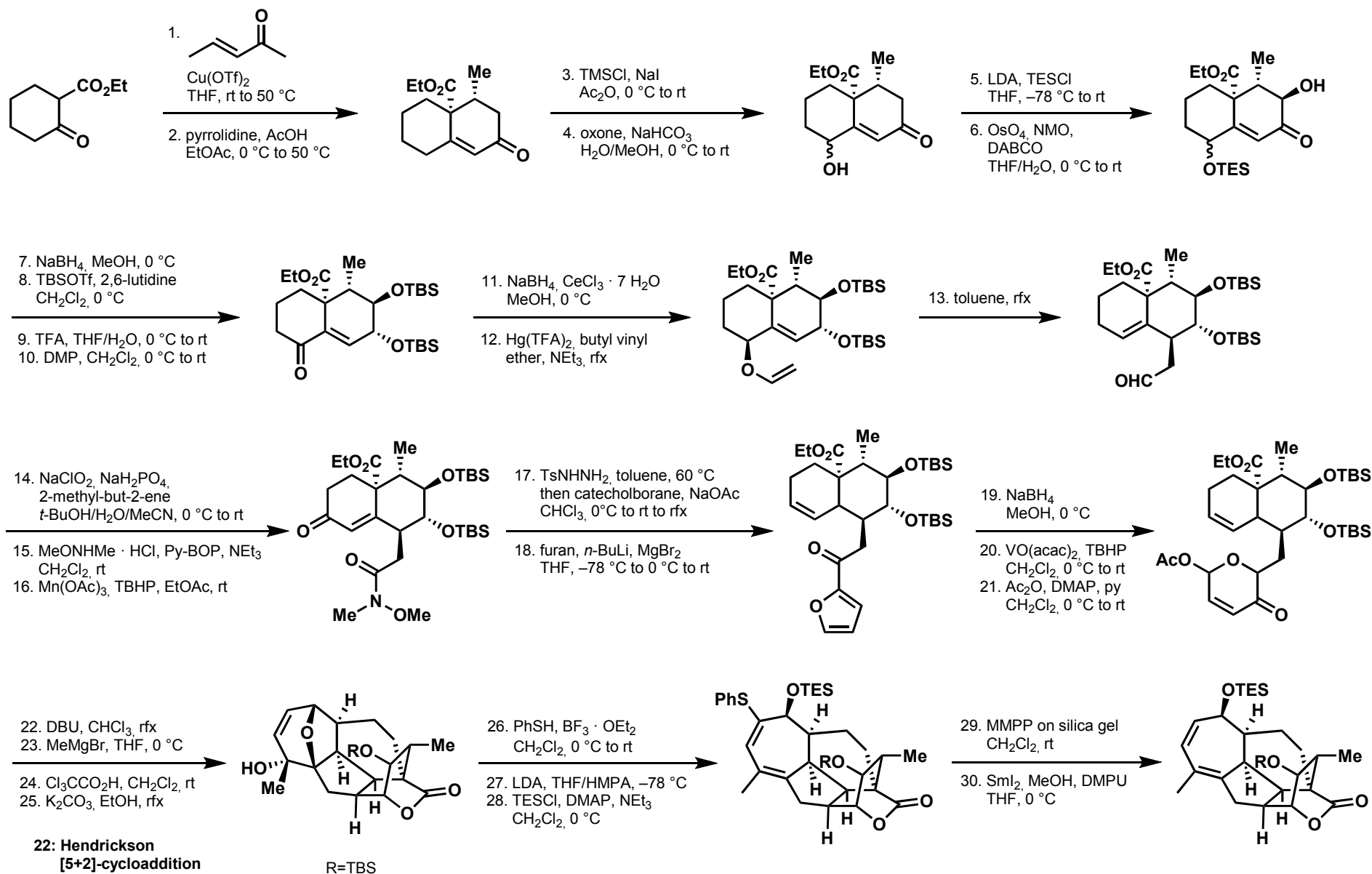


# Stereoselective Total Synthesis of Hainanolidol and Harringtonolide

M. Zhang, N. Liu, W. Tang, *J. Am. Chem. Soc.* **2013**, *135*, 12434–12438.

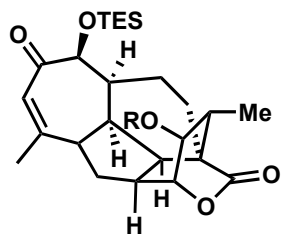


MMPP = magnesium monoperoxyphthalate

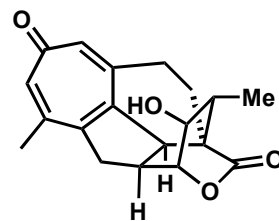
31. O<sub>2</sub>, TPP, hv  
MeCN, 0 °C

32. DBU, CH<sub>2</sub>Cl<sub>2</sub>, 50 °C

32: Kornblum–DeLaMare  
rearrangement

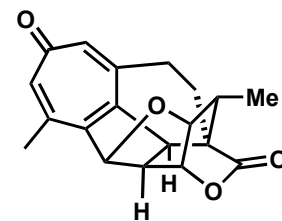


33. TsOH · H<sub>2</sub>O  
CDCl<sub>3</sub>, 80 °C



hainanolidol

34. Pb(OAc)<sub>4</sub>  
PhH, rfx



harringtonolide