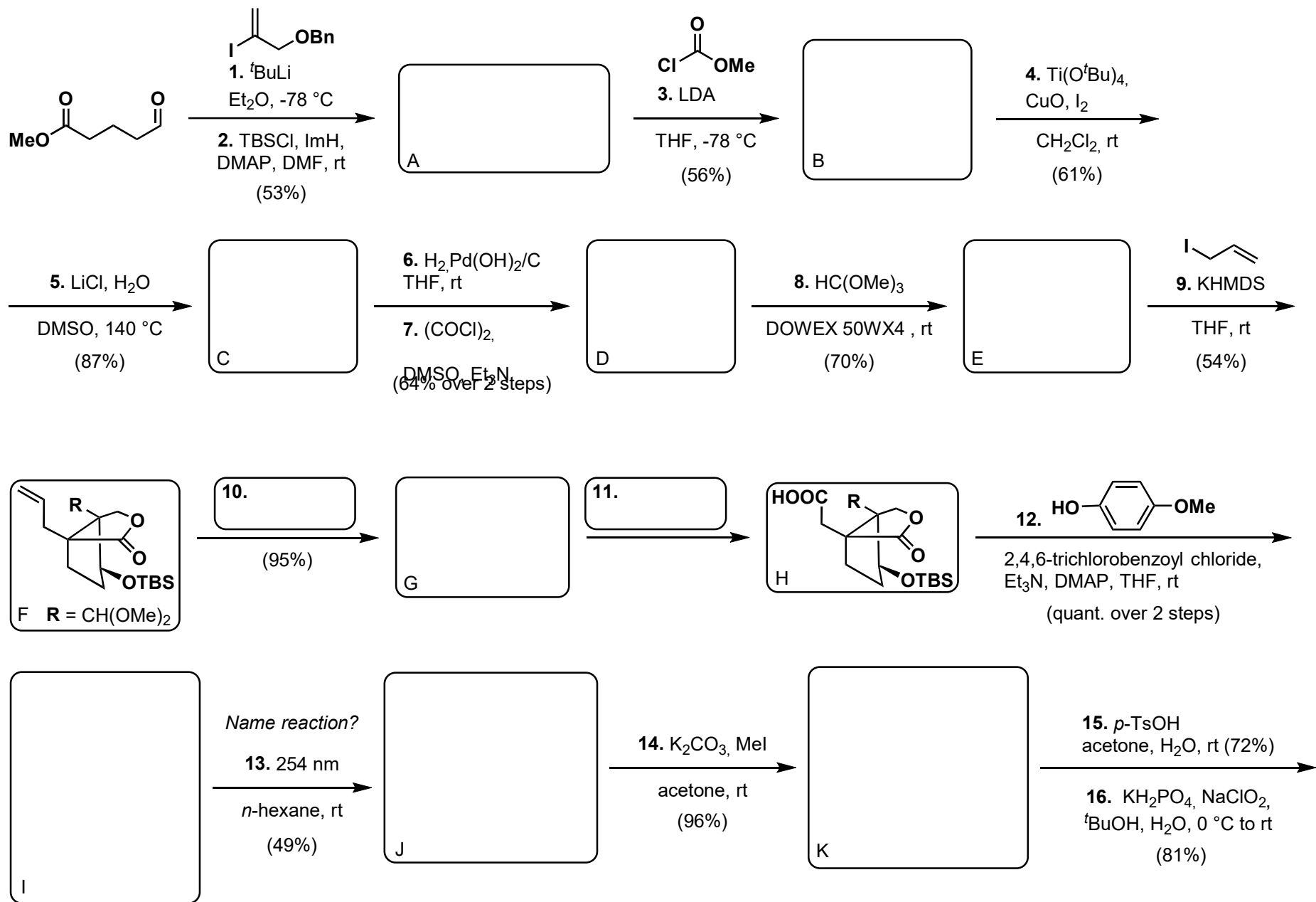
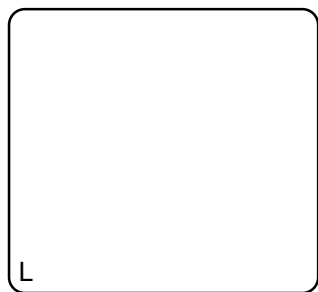


# Total Synthesis of Lingzhiol

A. Rode, N. Müller, O. Kováč, K. Wurst & T. Magauer  
*Org. Lett.* **2024**, XXXX, XXX, XXX-XXX.





17. N-hydroxyphthalimide  
DCC, DMAP, CH<sub>2</sub>Cl<sub>2</sub>, rt (92%)

18. Ir(dFppy)<sub>3</sub>, 419 nm  
Et<sub>3</sub>N • 3 HF, CH<sub>2</sub>Cl<sub>2</sub>, rt (71%)



19. TBAF, THF, rt (73%)

20. BBr<sub>3</sub>, CH<sub>2</sub>Cl<sub>2</sub>, rt (68%)

