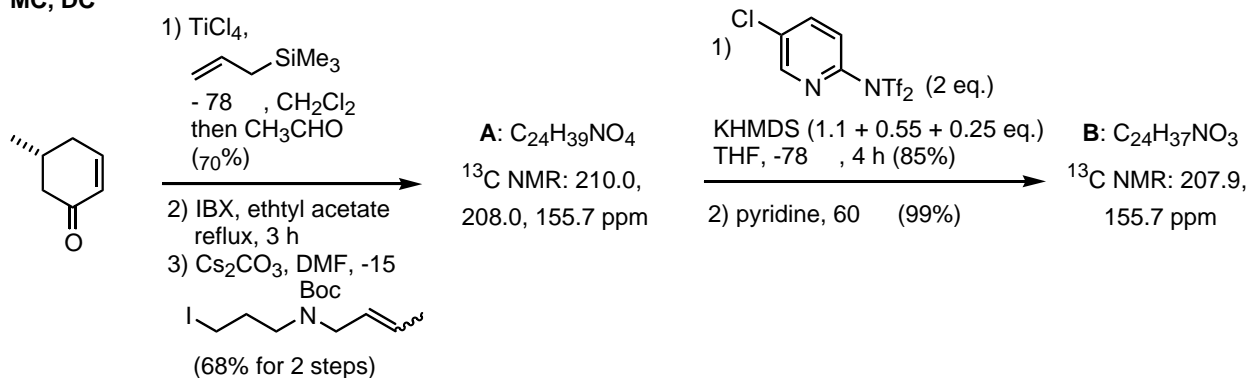


Chen, P.; Carroll, P. J.; Sieburth, S. McN. *Org. Lett.* **2010**, 12, 4510.

for MC, DC



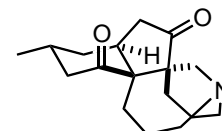
Grubbs 2nd catalyst
 (20 mol%), DCE, reflux
 24 h

then H₂ (10 atm)
 70 °C, 16 h (52%)

C: C₂₁H₃₃NO₃

1) BH₃·THF (10 eq.), THF, 50 °C, 8 h, then MeOH, (100 eq.), 0 °C to rt, 1 h, then evaporation

then IBX (10 eq.), EtOAc, 24 h
 2) 0.5 M HCl, aq. HCHO (20 eq.)
 EtOH, 0 °C; then reflux, 48 h
 (64% for 2 steps)



(+)-Lycoflexine