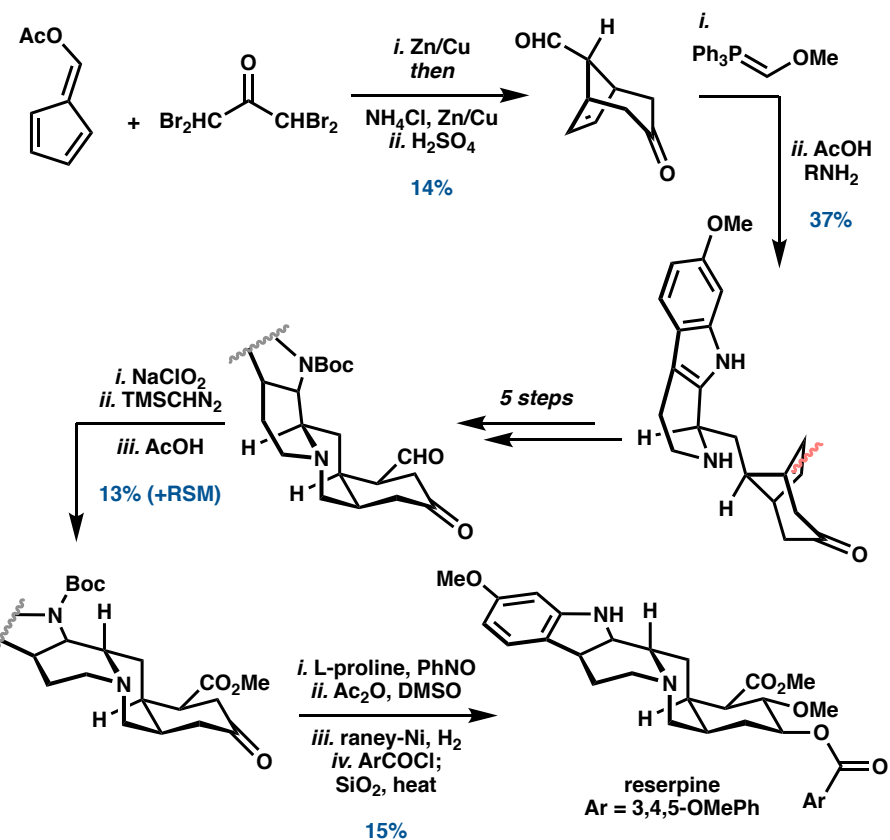
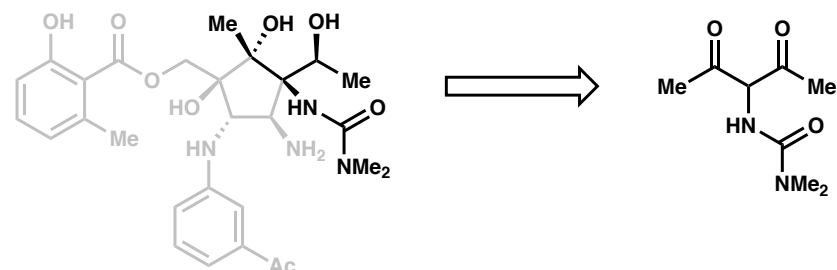


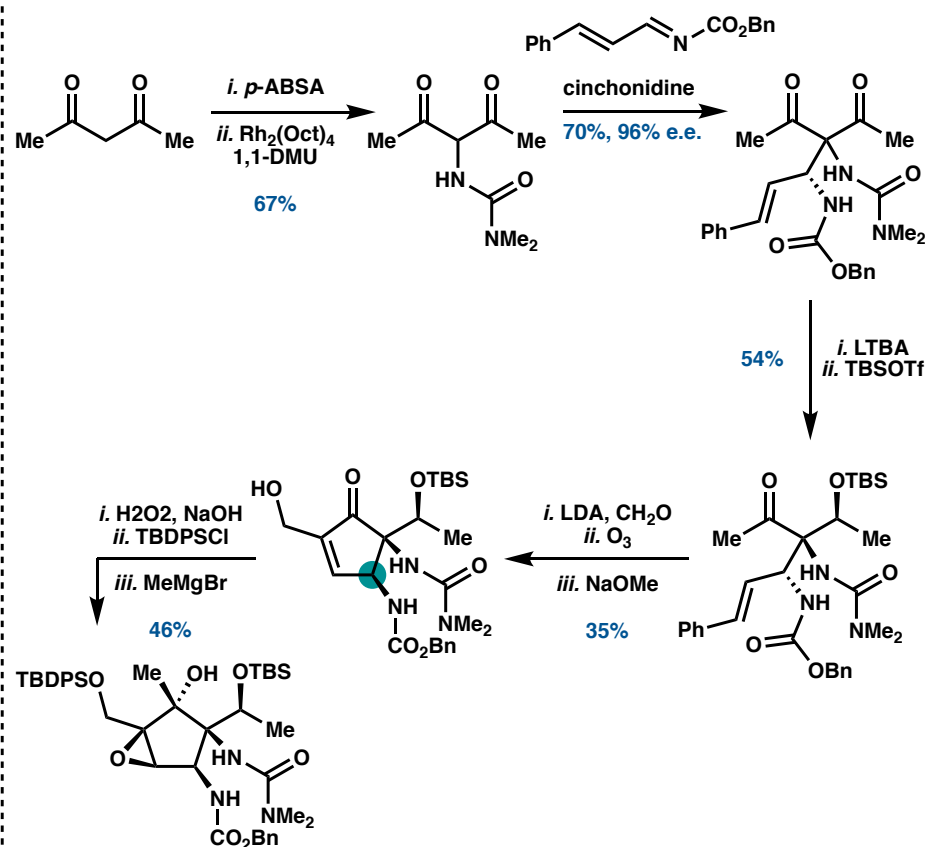
reserpine (Chen, 2018)



Angew. Chem. 2018, 57, 16152–16156.

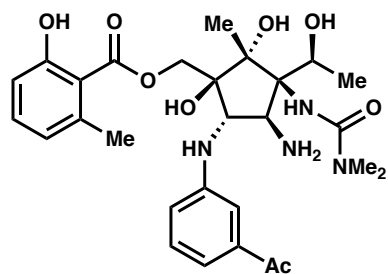


pactamycin (Johnson, 2013)

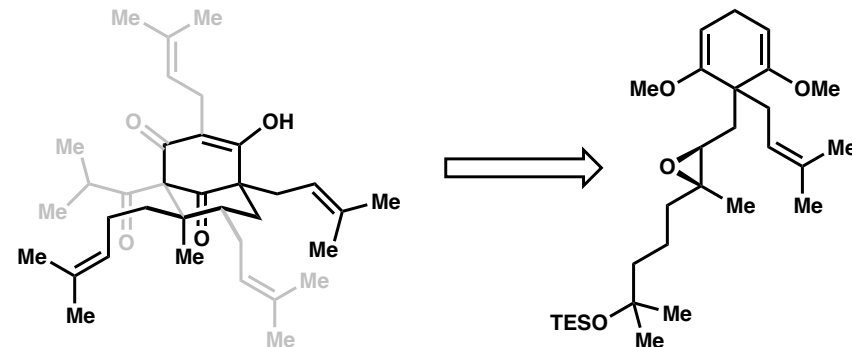
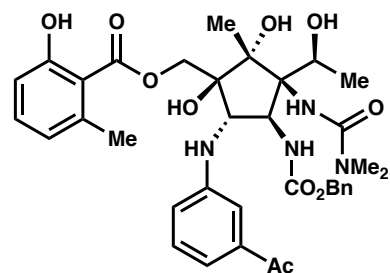
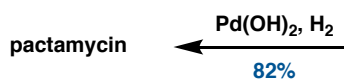
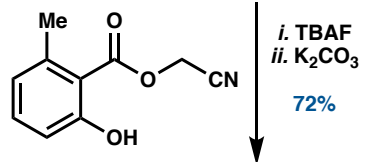
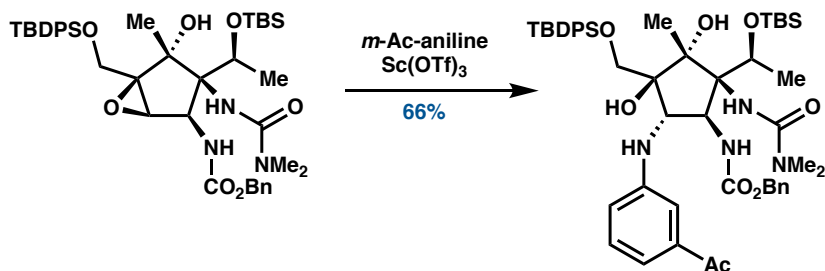
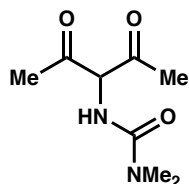
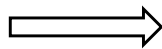


Science 2013, 340, 180–182.

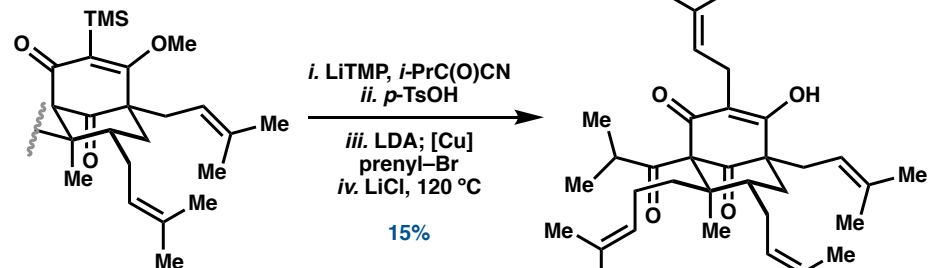
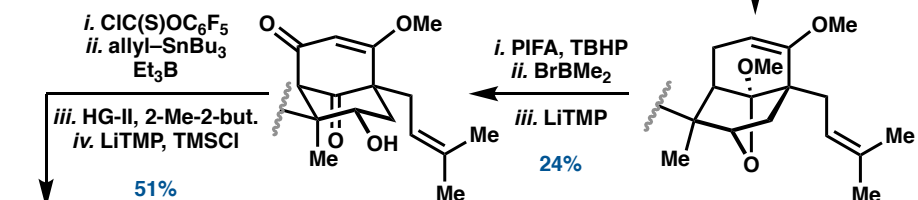
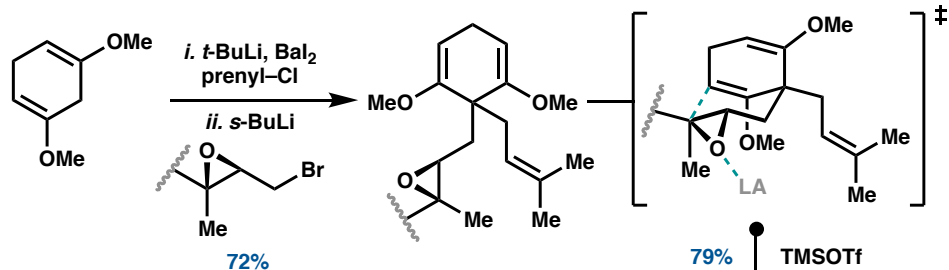
J. Am. Chem. Soc. 2013, 135, 17990–17998.



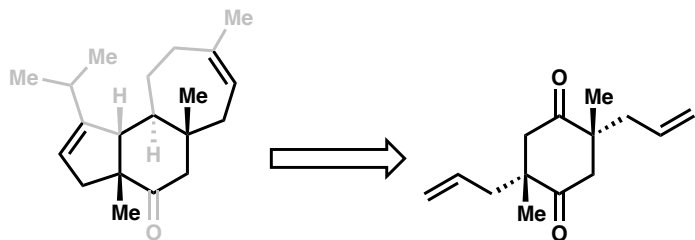
pactamycin (Johnson, 2013)



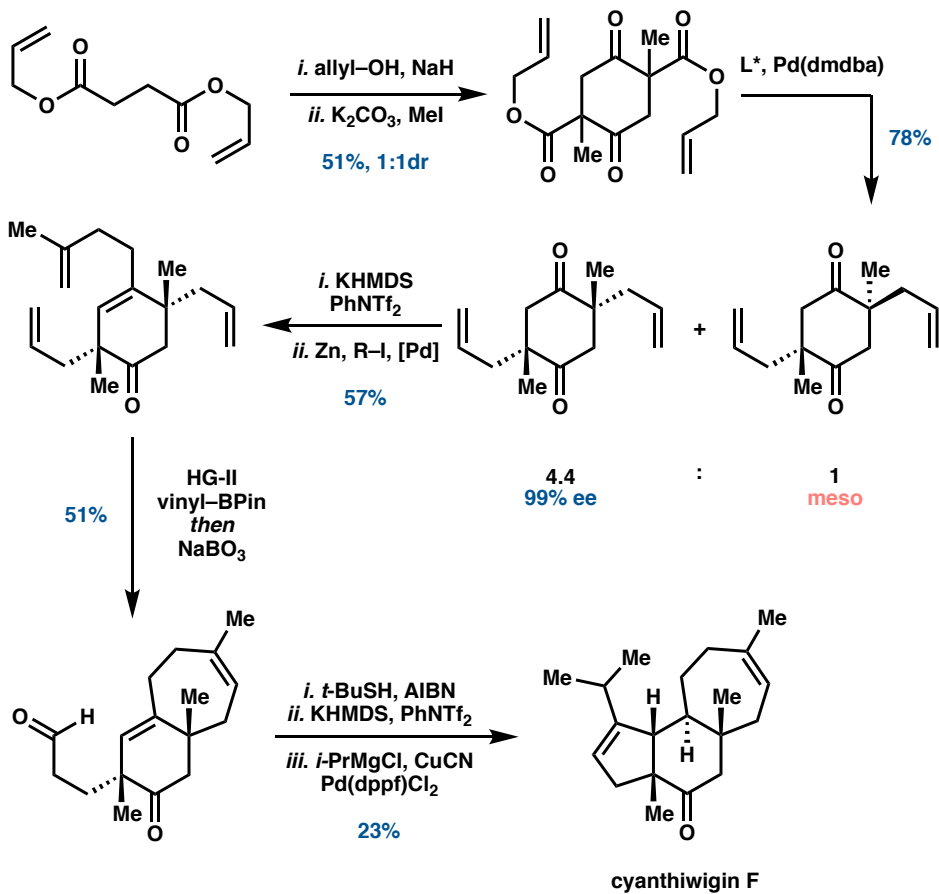
hyperforin (Shair, 2012)



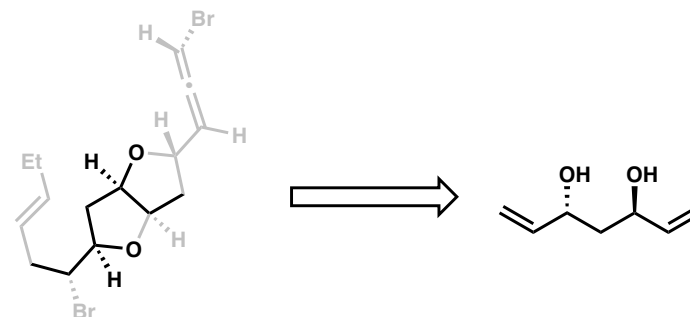
hyperforin



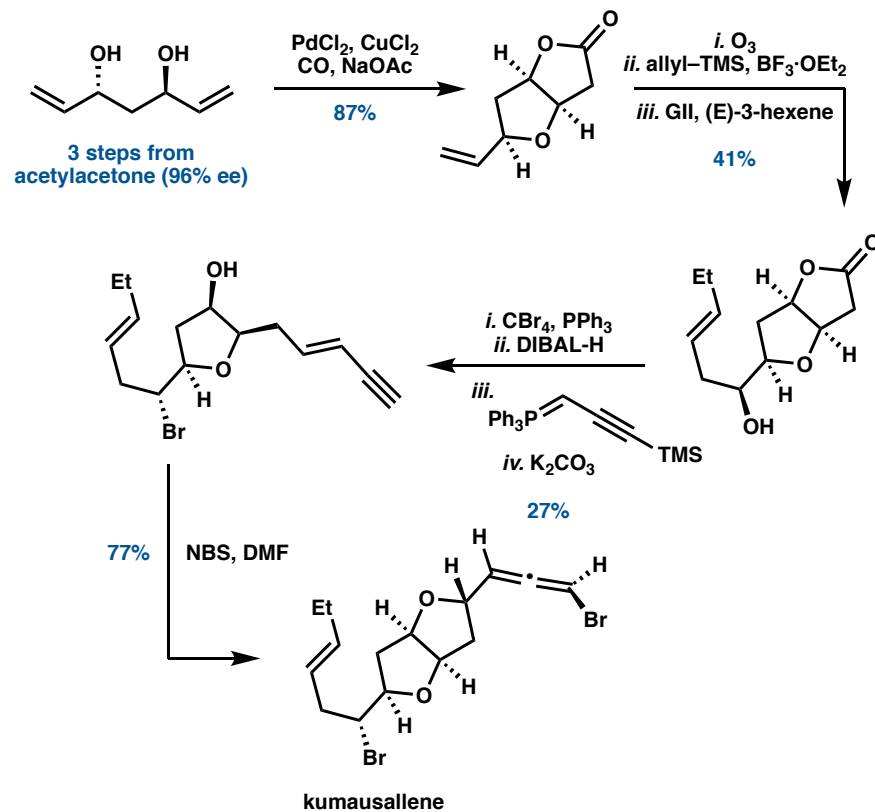
cyanthiwigin F (Stoltz, 2008)



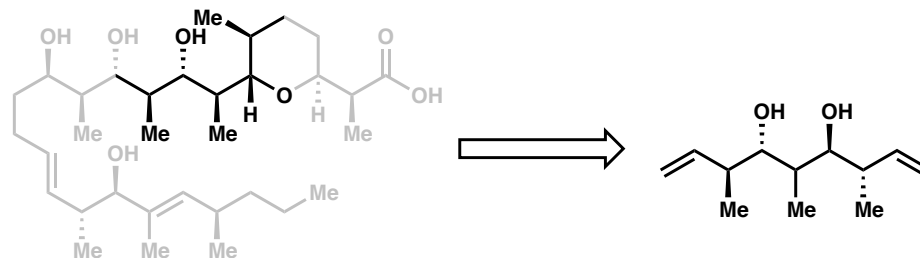
Nature 2008, 453, 1228–1231.



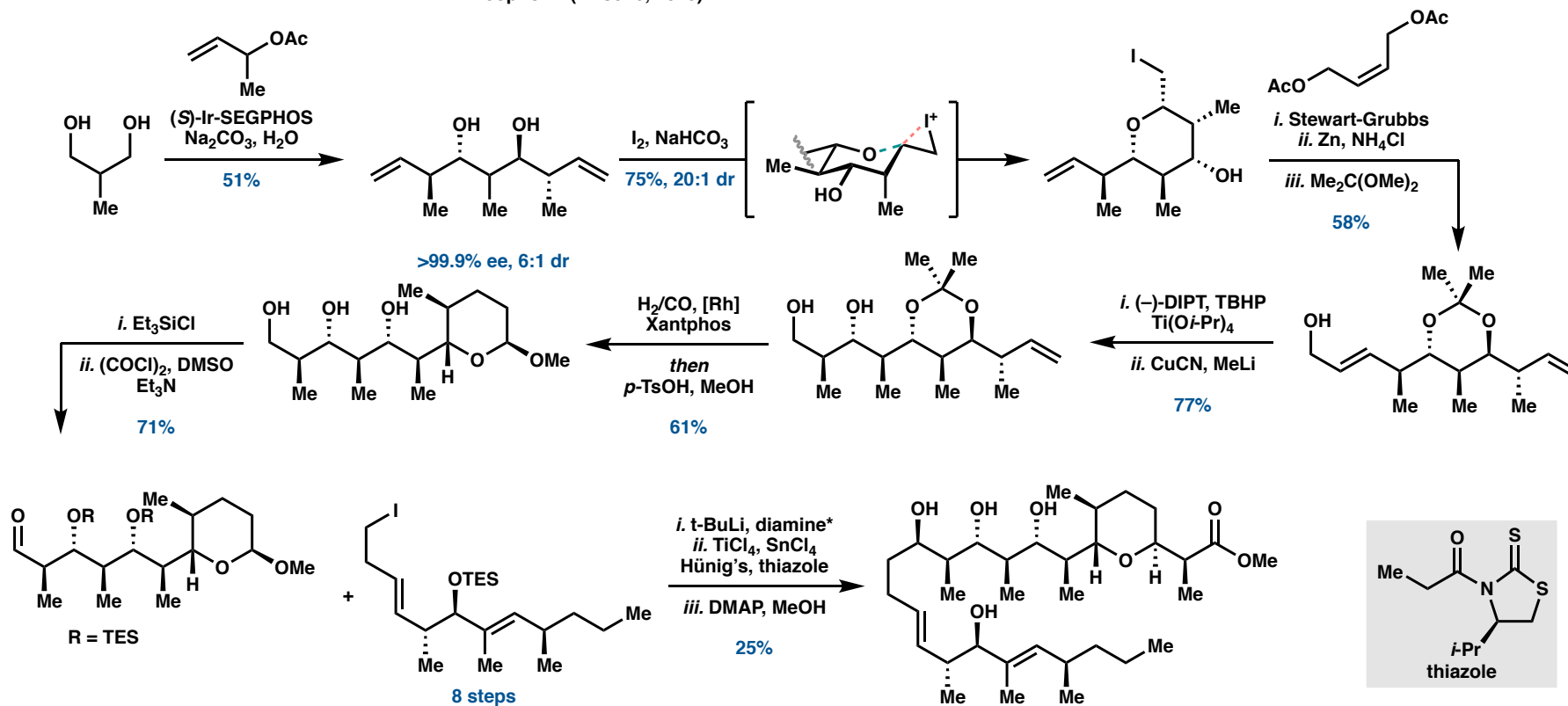
kumausallene (Tang, 2011)

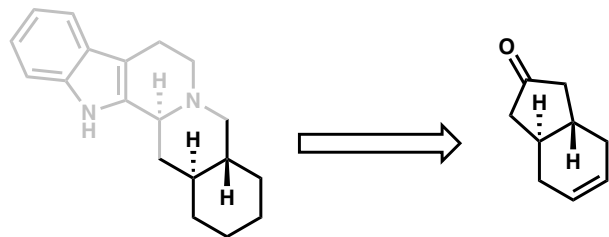


Org. Lett. 2011, 13, 3664–3666.

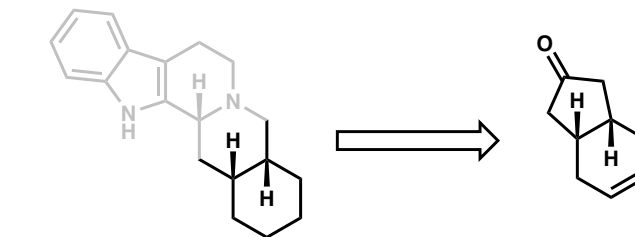


zincophorin (Krische, 2013)

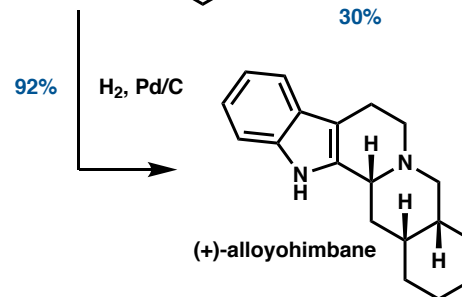
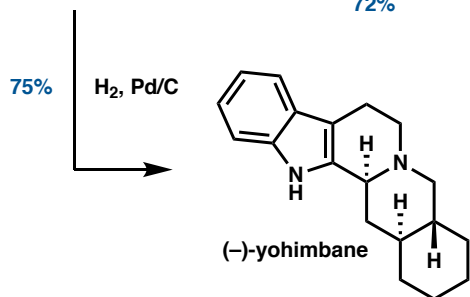
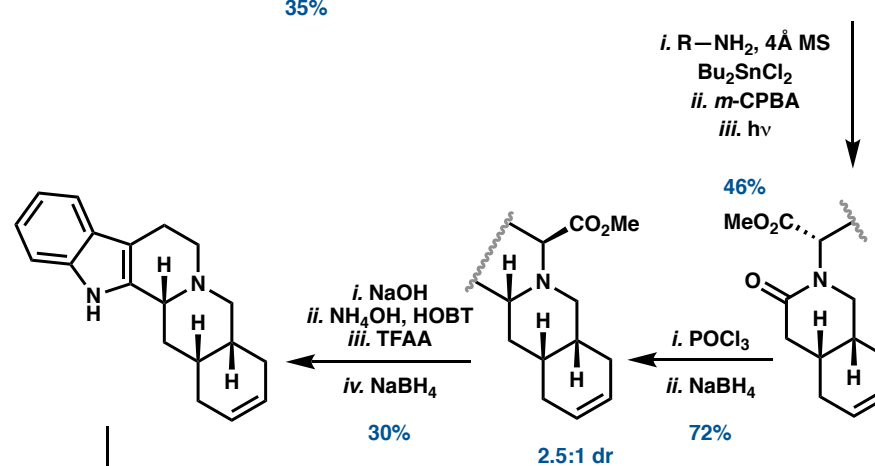
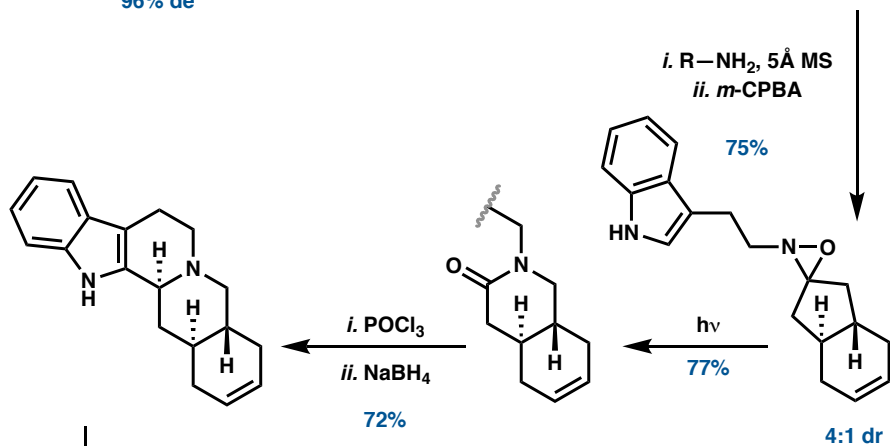
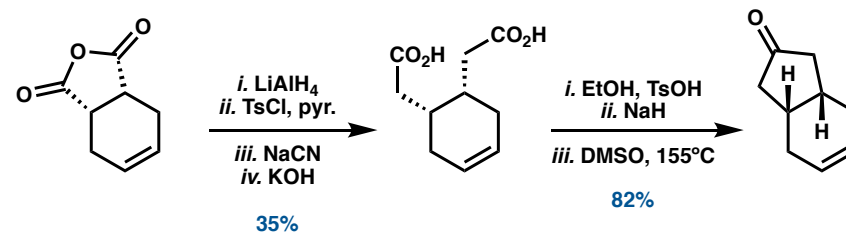
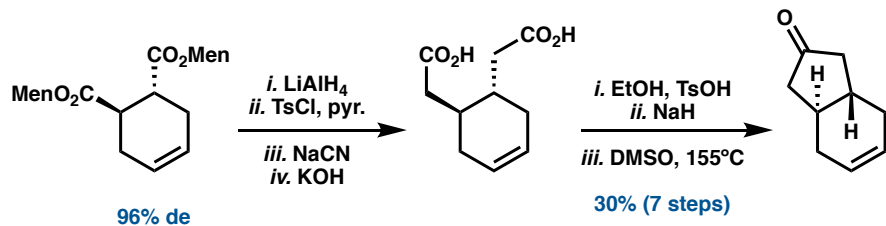


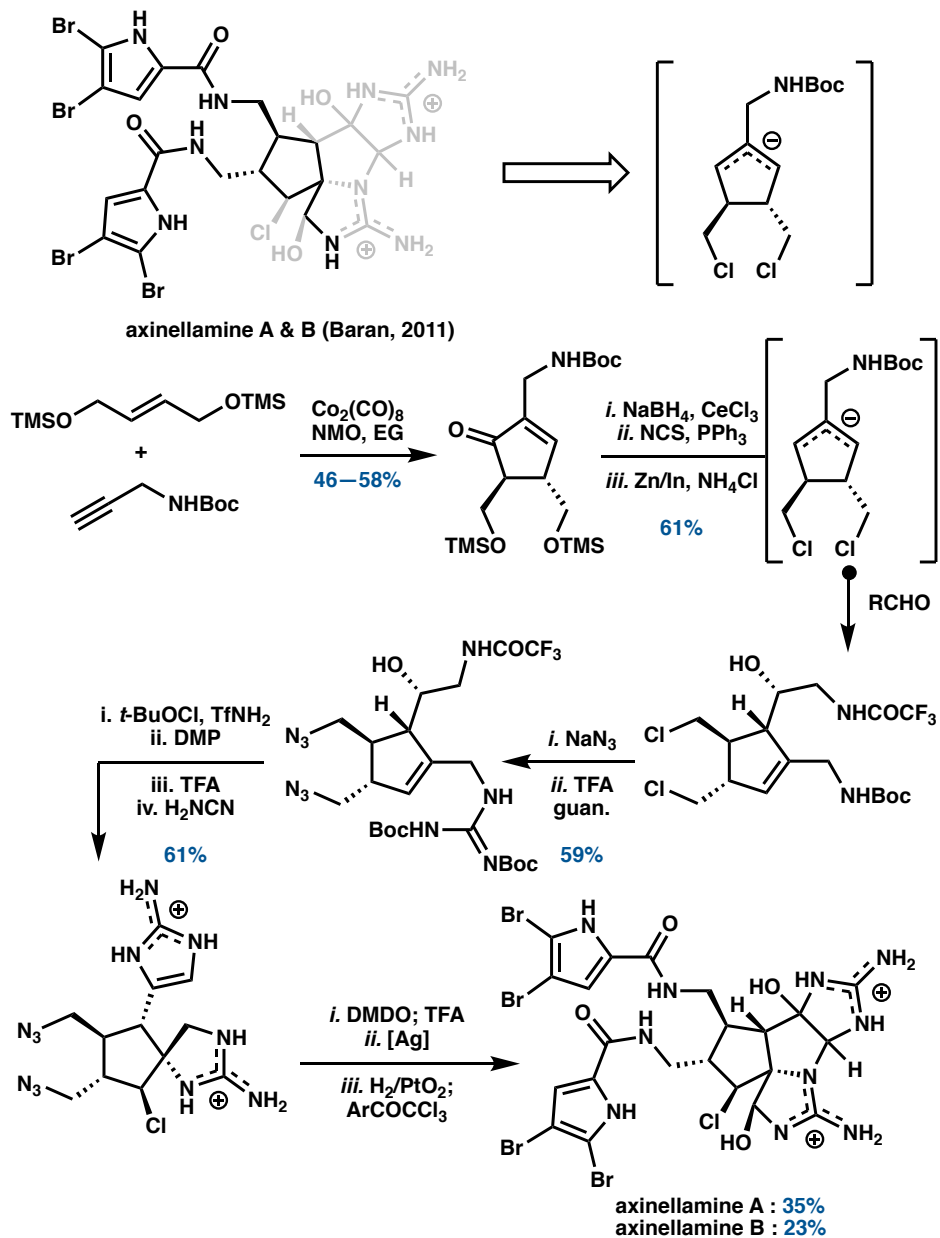


(-)-yohimbane (Aubé, 1994)

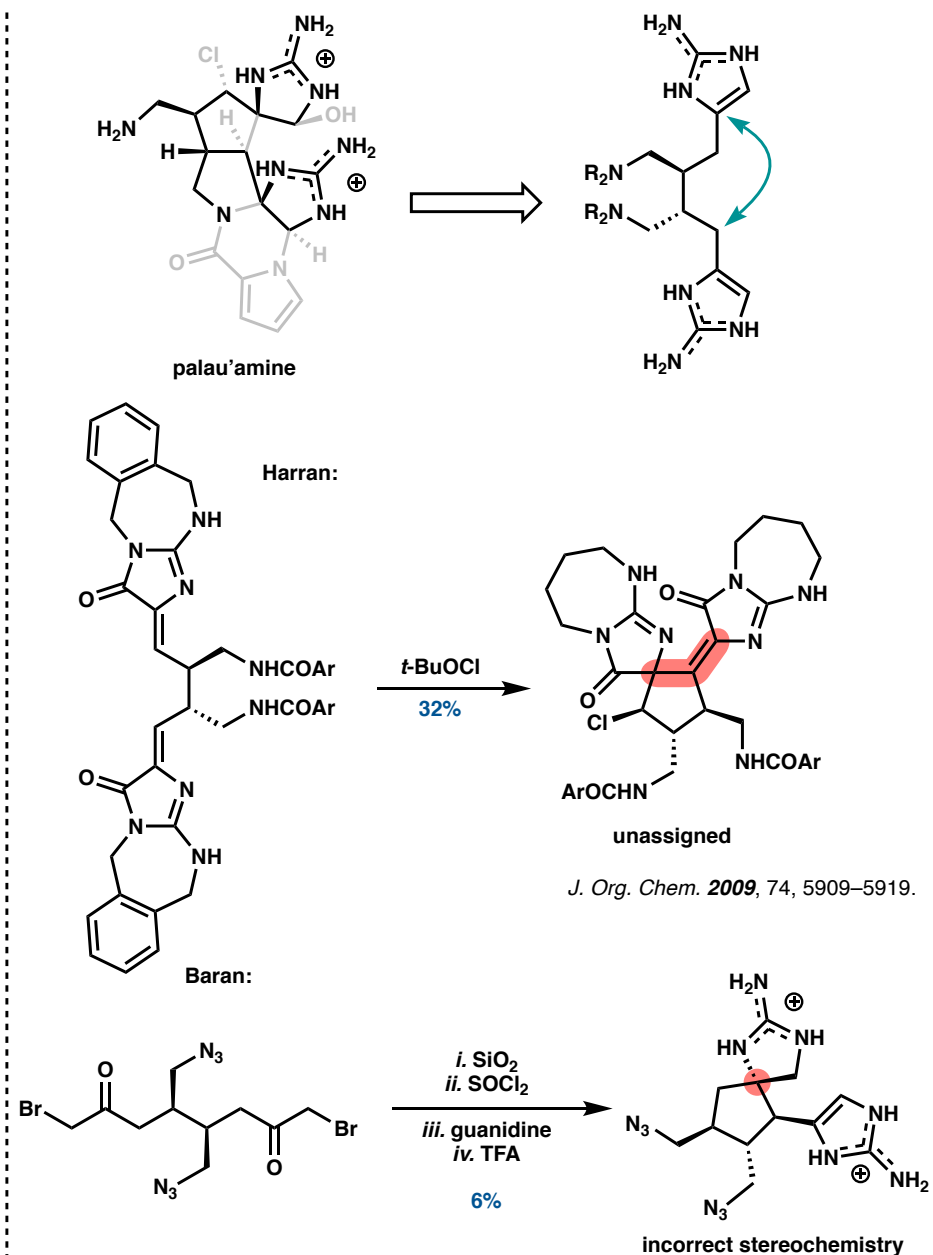


(+)–alloyohimbane (Aubé, 1994)





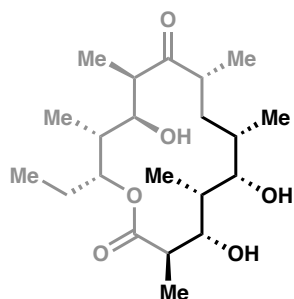
J. Am. Chem. Soc. **2011**, 133, 13922–13925.



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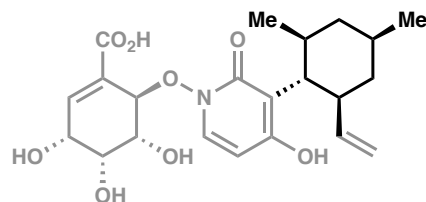
J. Org. Chem. **2009**, 74, 5909–5919.

Other syntheses not discussed:



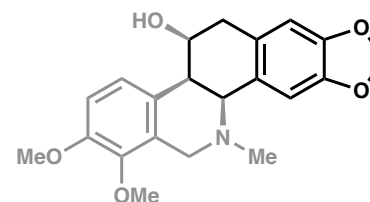
6-deoxyerythronolide B (Krische)

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2013, 135, 4223–4226.



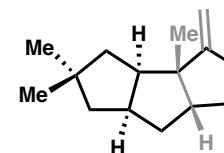
(-)-maximiscin (Baran)

J. Am. Chem. Soc.
2020, 142, 8608–8613.



(+)homochelidonine (Lautens)

Angew. Chem. Int. Ed.
2007, 46, 433–436.



(+)hirsutene (List)

J. Am. Chem. Soc.
2008, 130, 6737–6739.

Useful reviews:

- Catalytic Enantioselective Desymmetrization of Meso Compounds in Total Synthesis of Natural Products
Synthesis **2017**, 49, 1938–1954.
- Local Desymmetrization through Diastereotopic Group Selection: An Enabling Strategy for Natural Product Synthesis
Eur. J. Org. Chem. **2017**, 1381–1390.
- Appreciation of symmetry in natural product synthesis

Nat. Prod. Rep. **2017**, 34, 1345–1358.