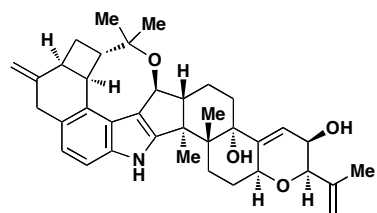
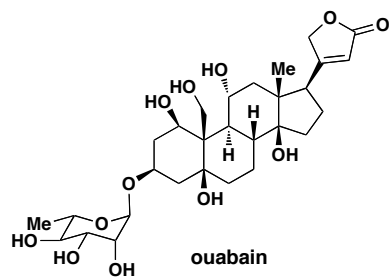


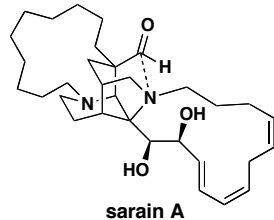
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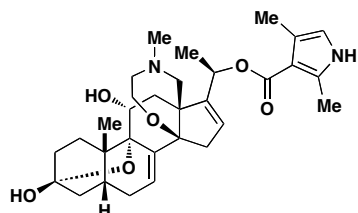
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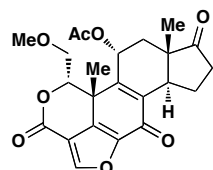
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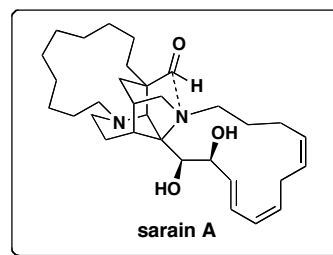
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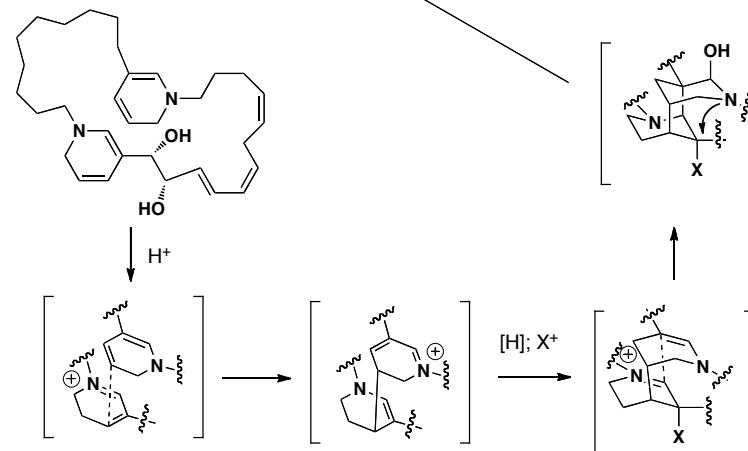


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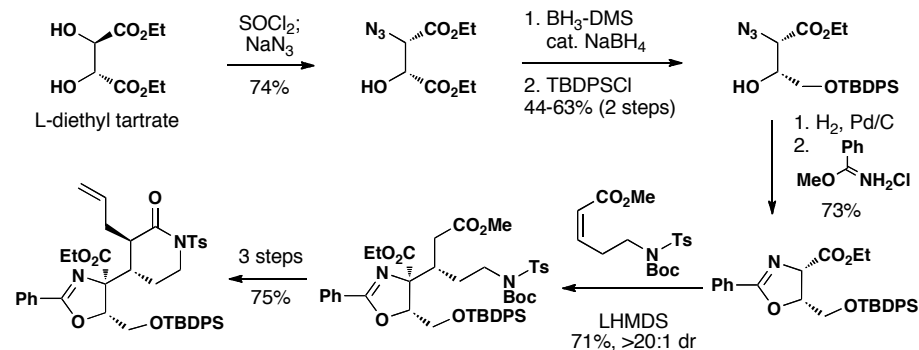


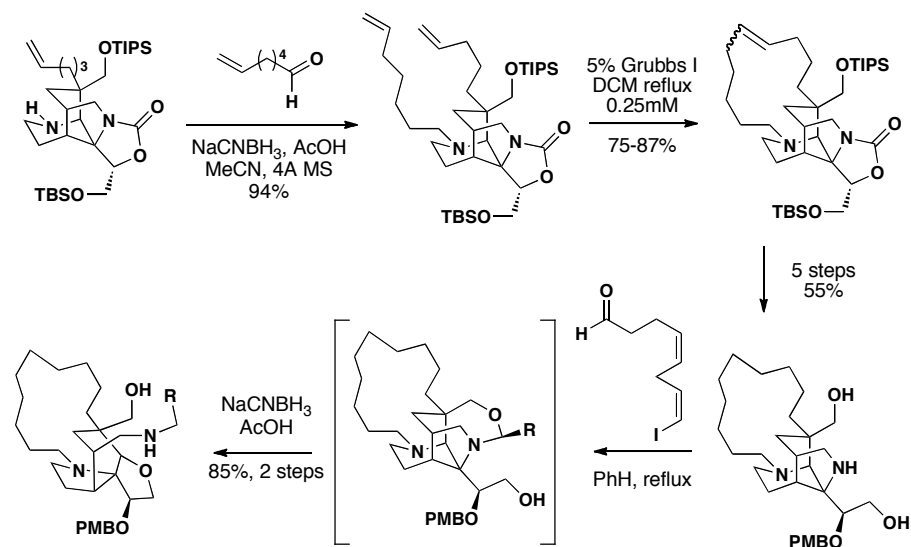
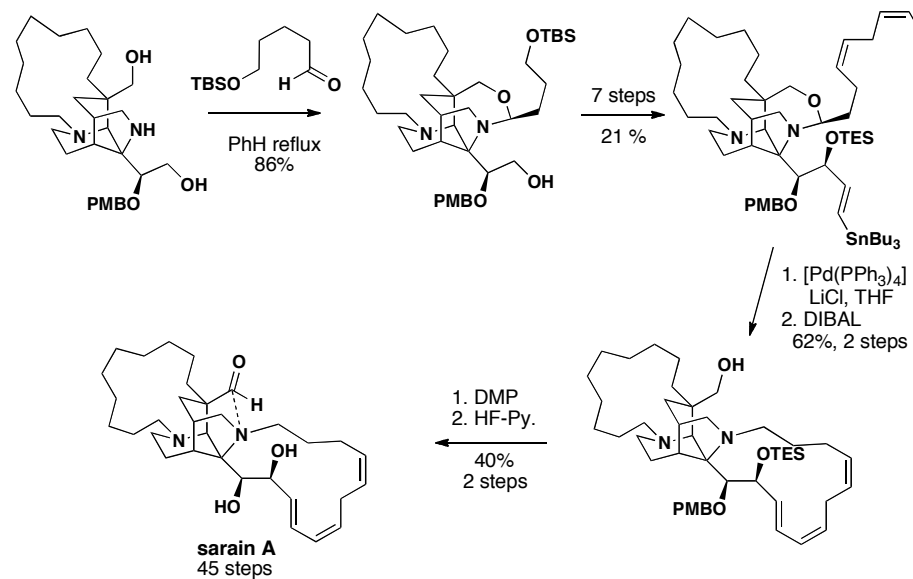
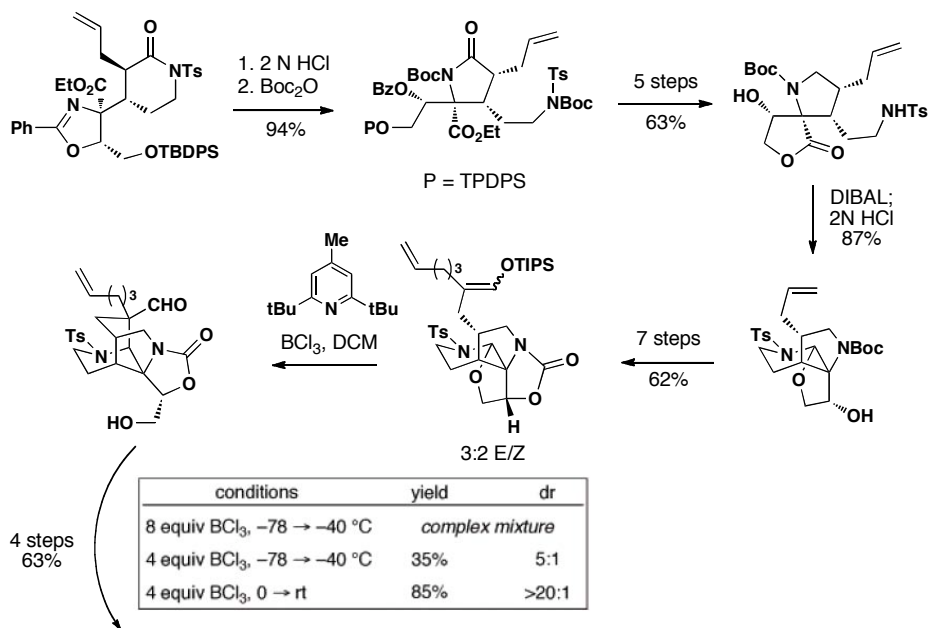
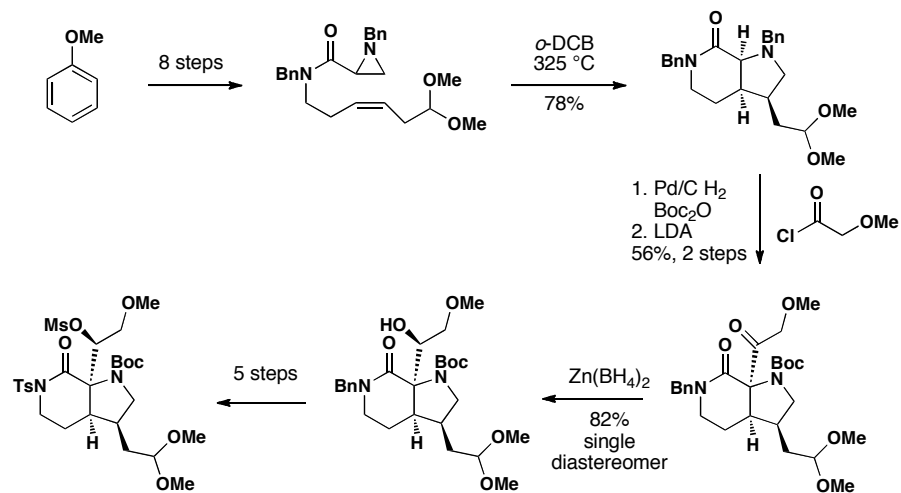
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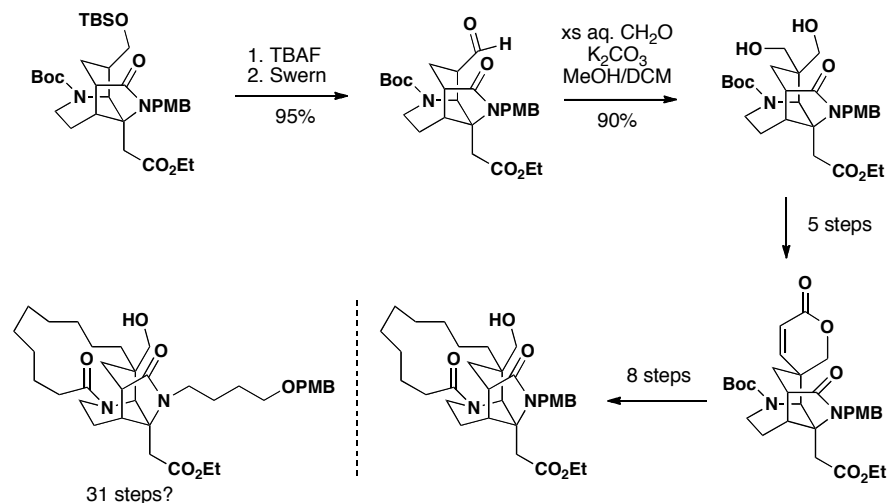
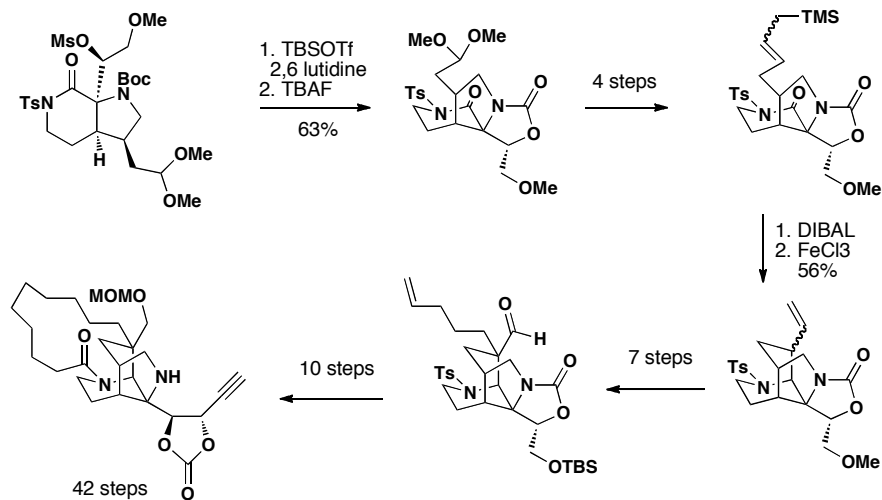
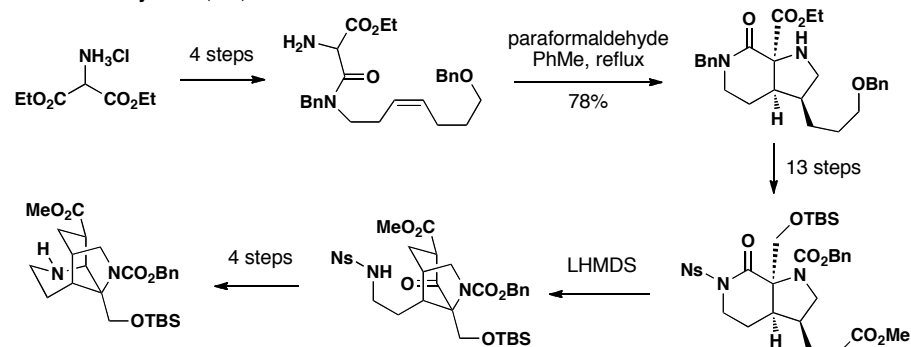
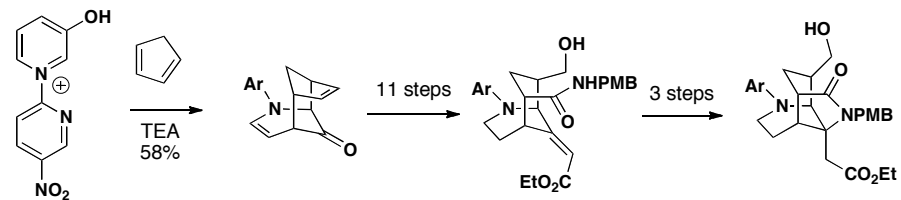
Proposed Biosynthesis

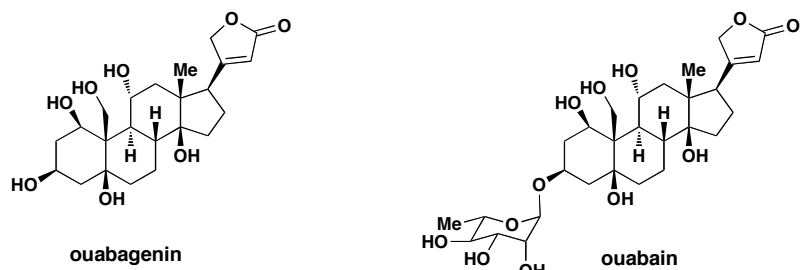


Overman Total Synthesis - *JACS*, 129, 11987; *ACIEE*, 118, 2978; *OL*, 7, 933 and more

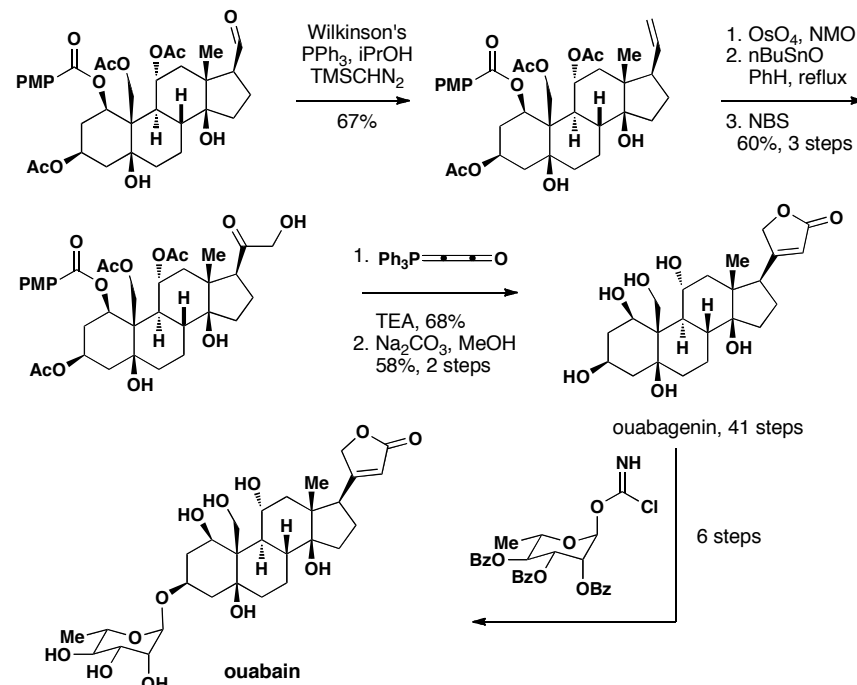
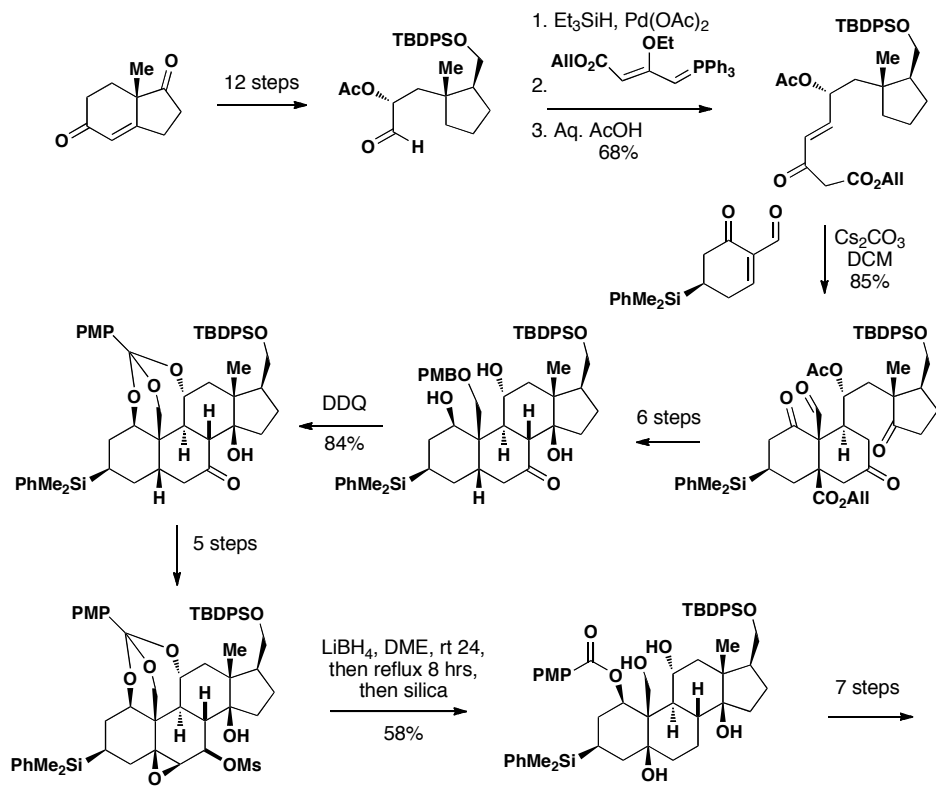


Weinreb Study - *JOC*, 64, 587; *JOC*, 71, 2078

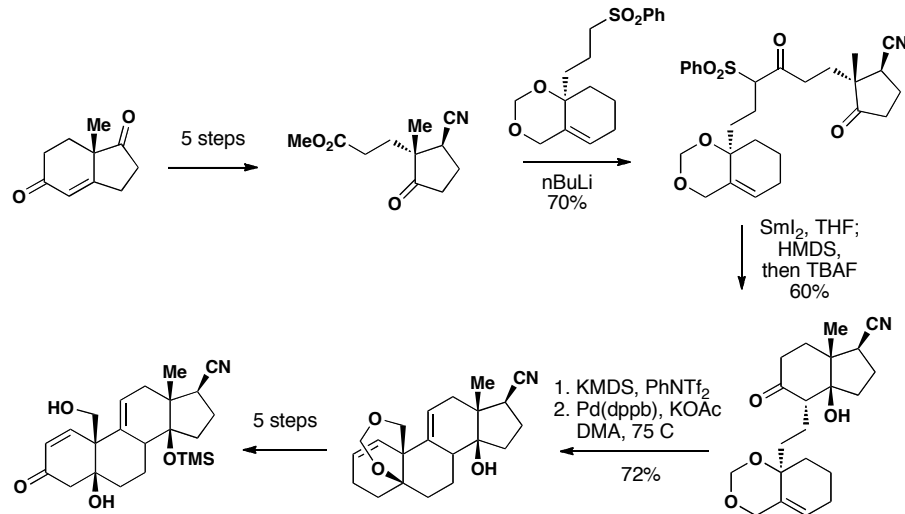
Heathcock Study - *JOC*, 63, 9616.Cha Study - *OL*, 1, 2017; *JOC*, 68, 2205.

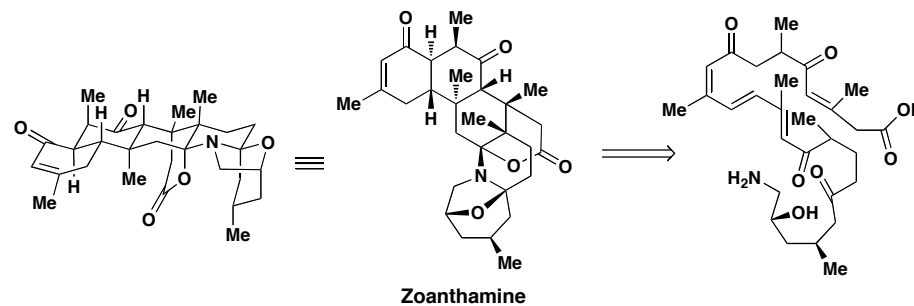
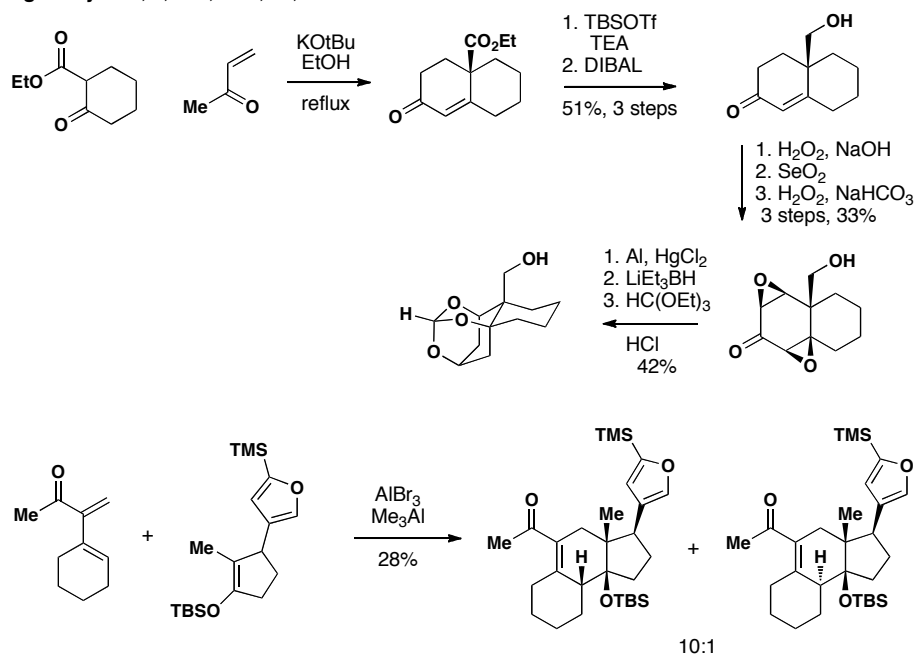
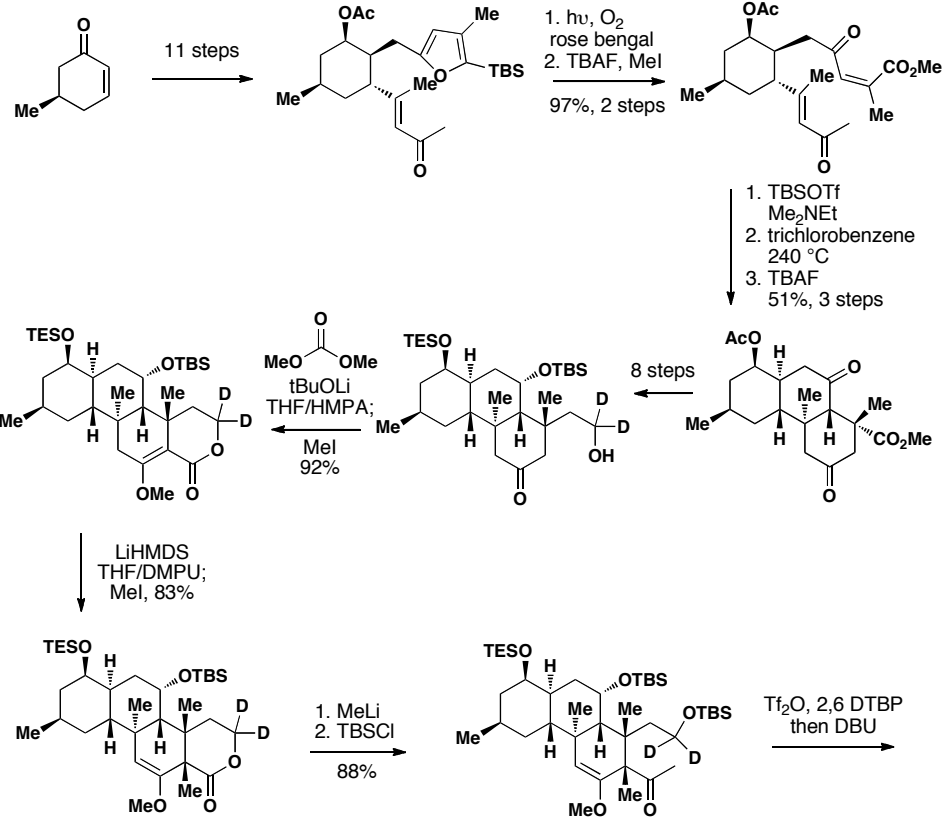


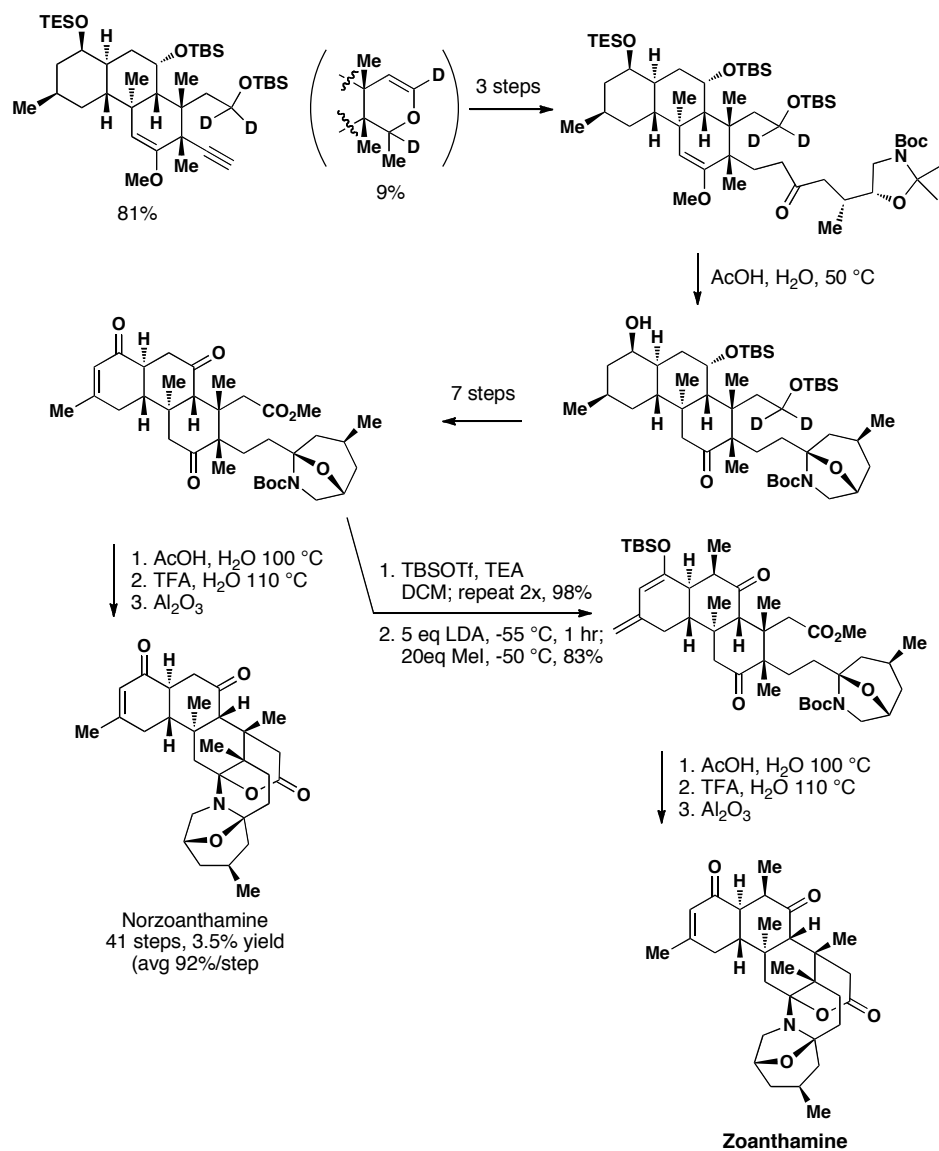
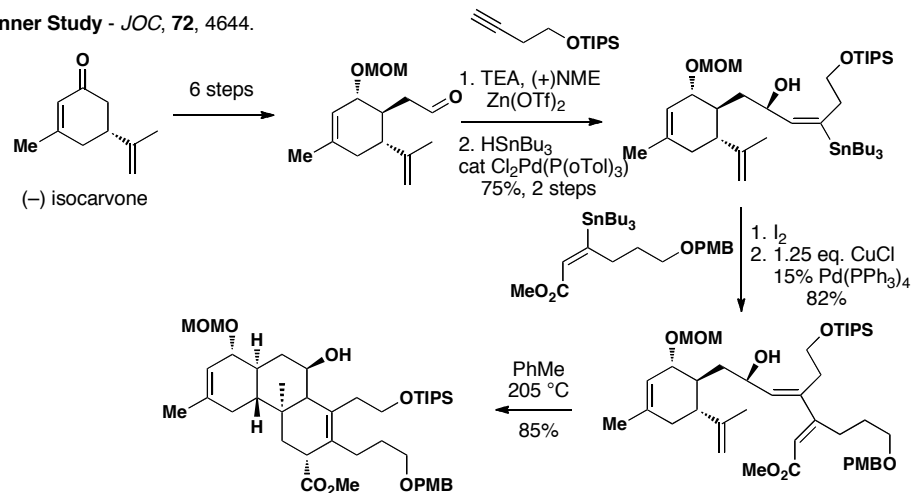
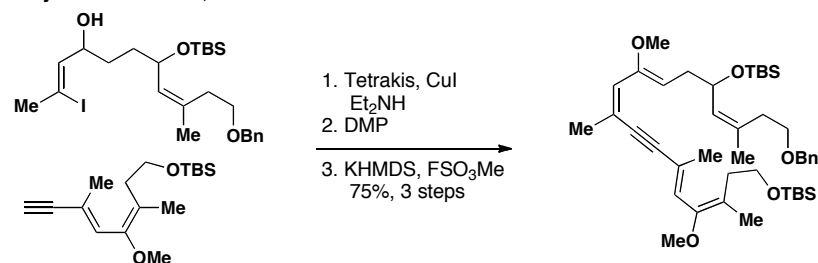
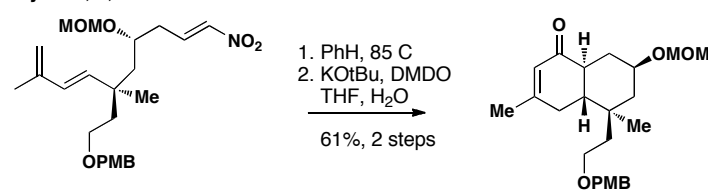
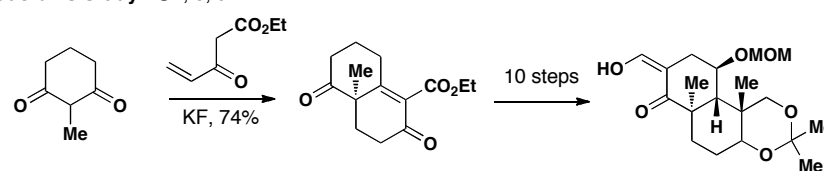
Deslongchamps Total Synthesis - *Chem. Asian J.* 4, 725; *ACIEE*, 47, 1272; *OL*, 4, 4693.

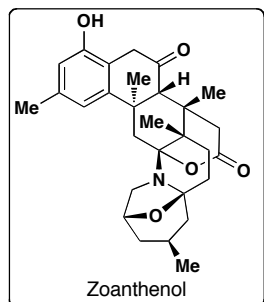
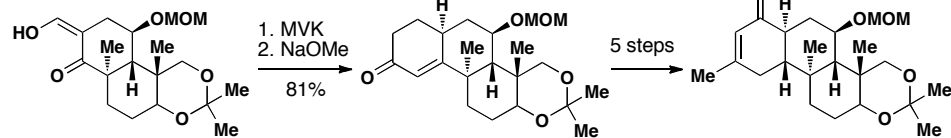
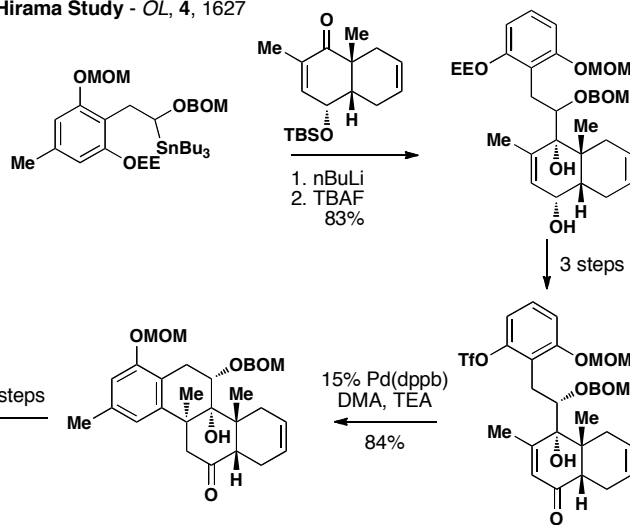
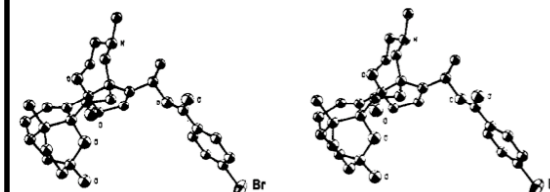
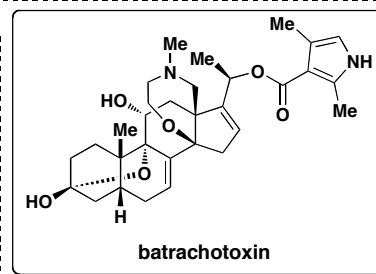
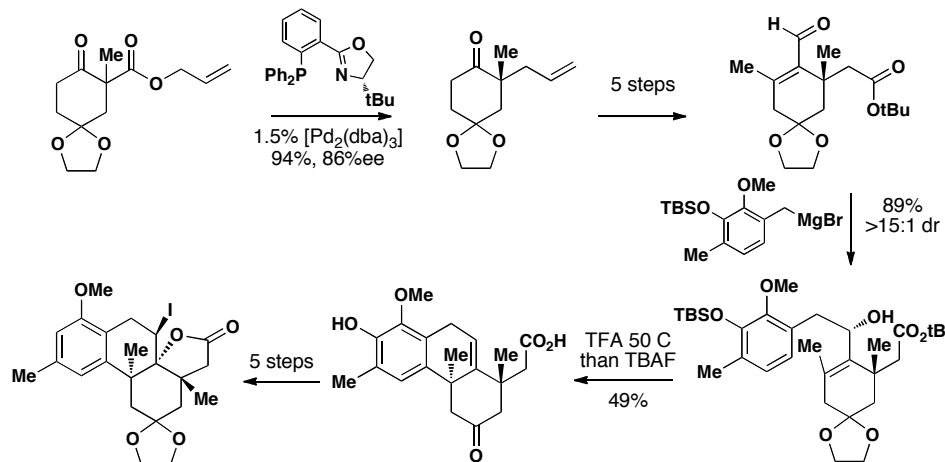
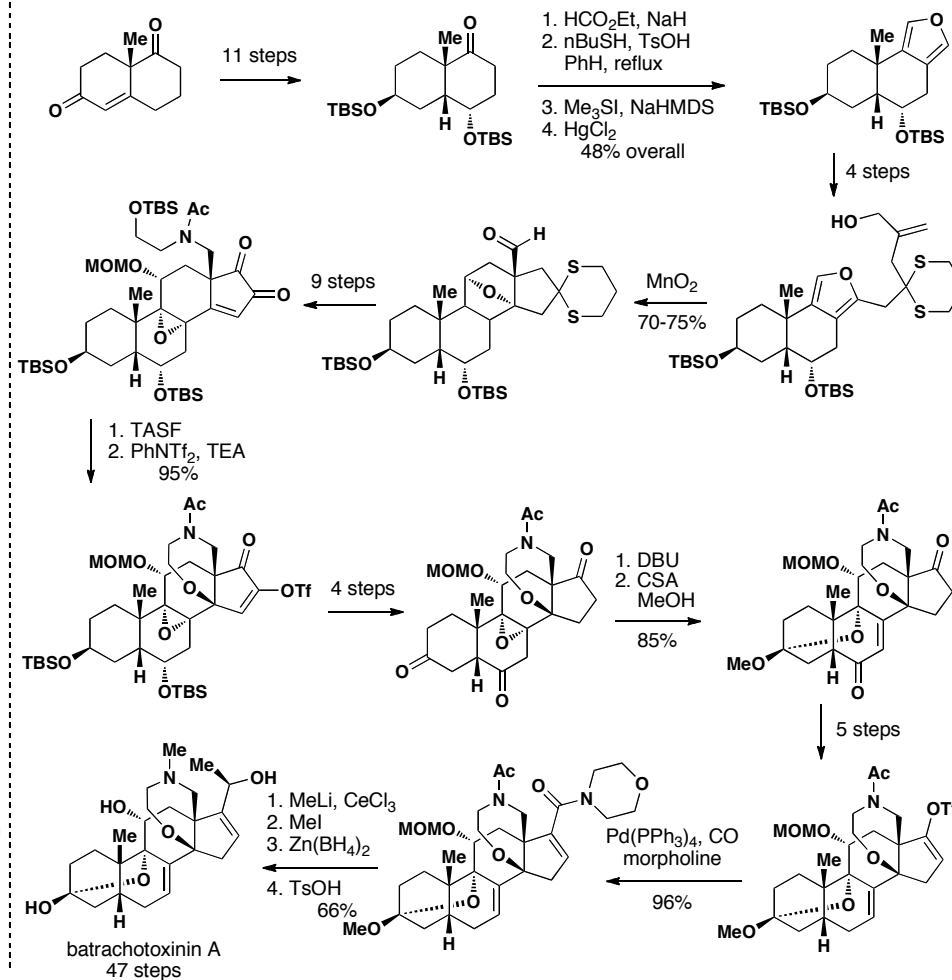


Overman Study - *Heterocycles*, 52, 1297; *Tet. Lett.*, 39, 4643; *JOC*, 61, 6760.

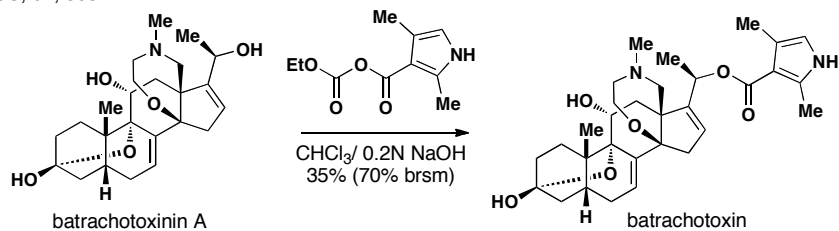


Jung Study - *OL*, 5, 137; *JOC*, 68, 2572.Excellent Stoltz Review - *ACIEE*, 47, 2.Miyashita Total Synthesis - *Science*, 305, 495; *Chem. Eur. J.*, 15, 6626; *Chem. Asian J.*, 6, 922.

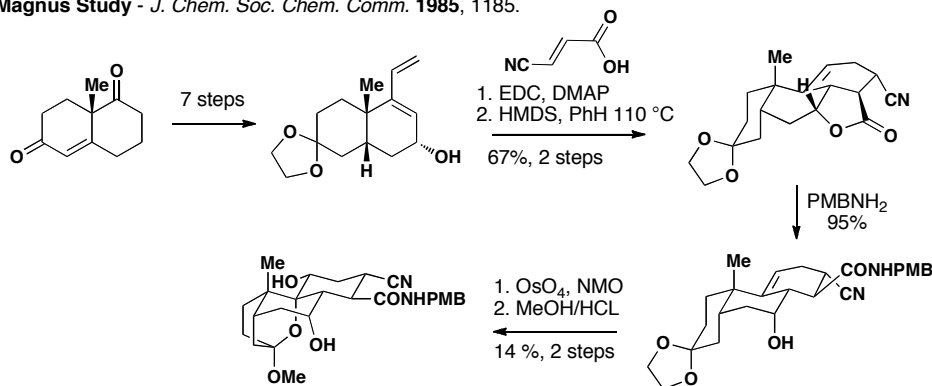
Tanner Study - *JOC*, 72, 4644.Uemura Study - *Chem. Lett.* 34, 1058.Williams Study - *OL*, 2, 1023.Theodorakis Study - *OL*, 6, 941.

Hirama Study - *OL*, 4, 1627Stoltz Study - *ACIEE*, 46, 4077.Kishi Total Synthesis- *JACS*, 120, 6627; *Tet. Lett.*, 35, 8333, 8337;

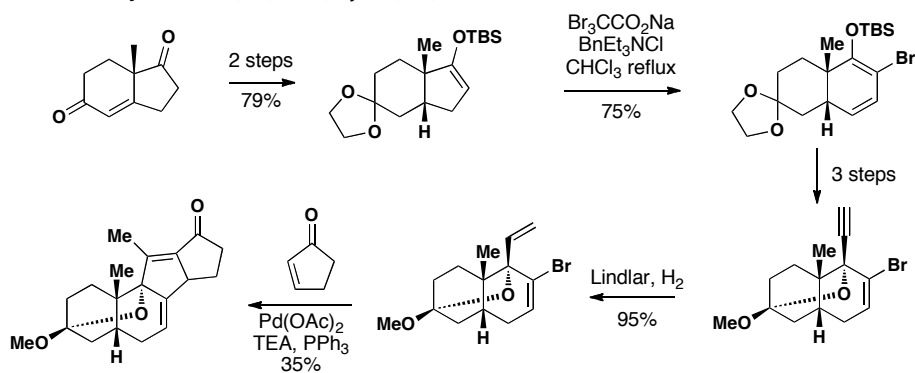
JACS, 91, 3931.



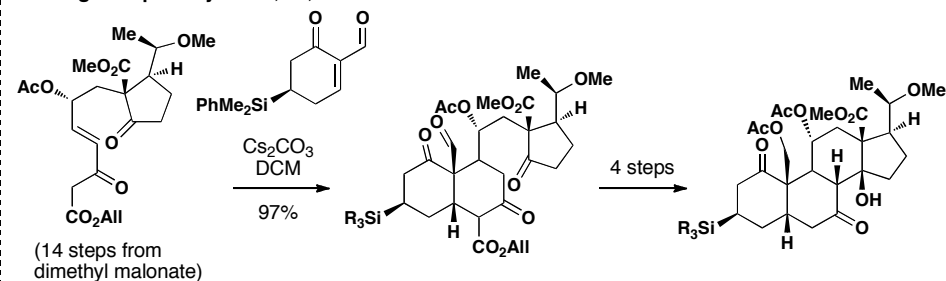
Magnus Study - J. Chem. Soc. Chem. Comm. 1985, 1185.



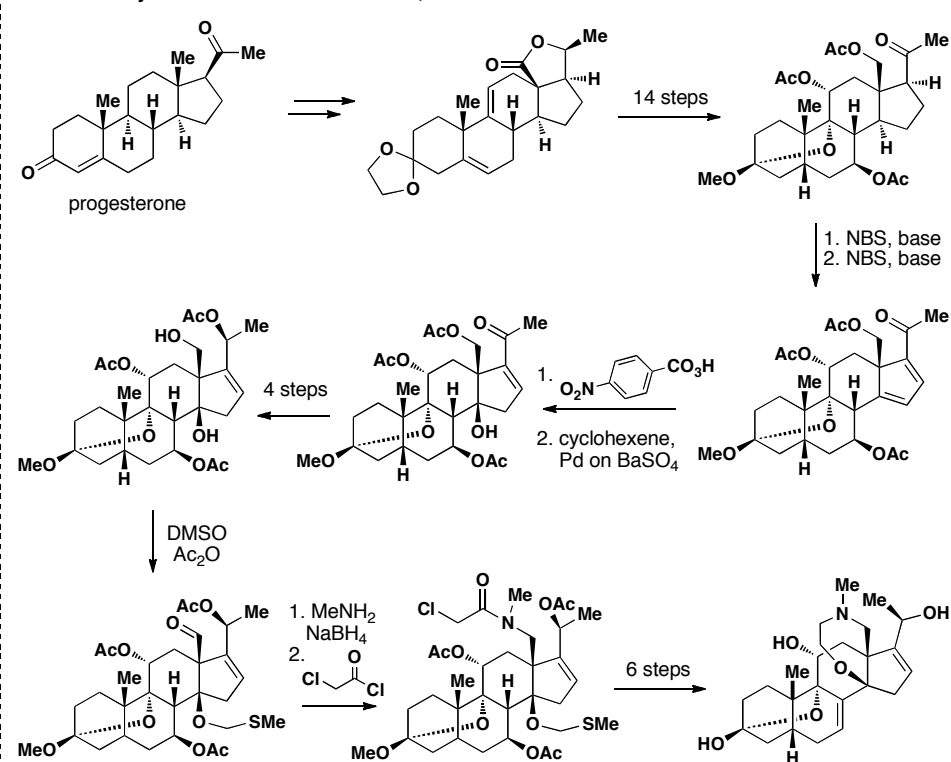
Parsons Study - Tet. Lett., 34, 7295; Synlett, 18, 2767.



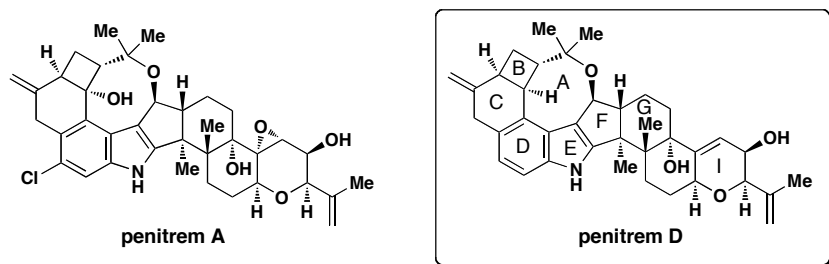
Deslongchamp Study - JOC, 60, 832.



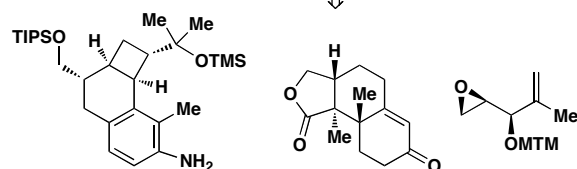
Wehrli Semisynthesis - Helv. Chim. Acta. 55, 1151.



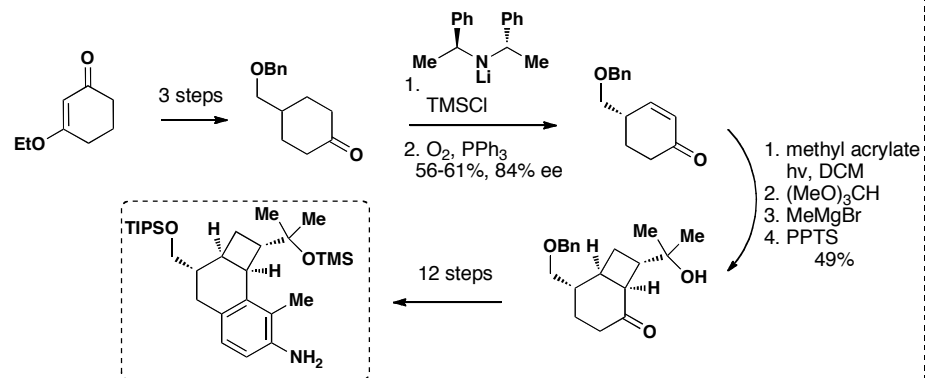




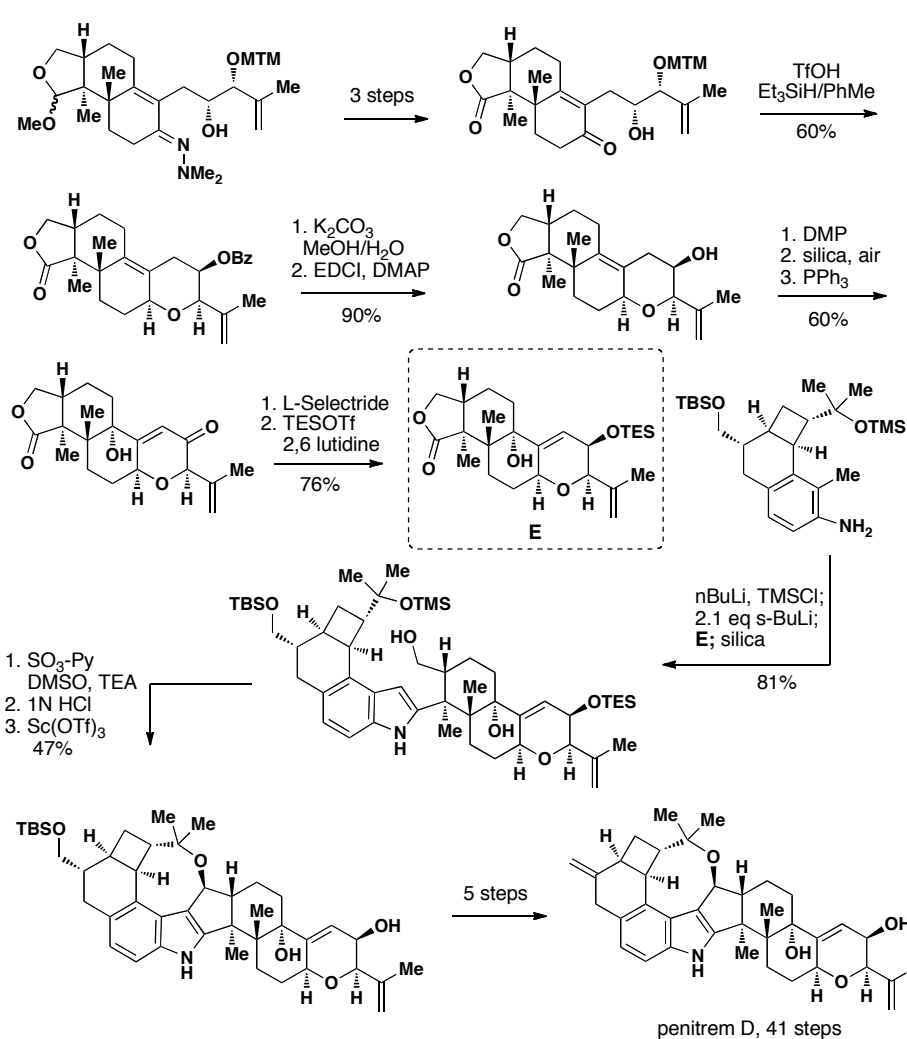
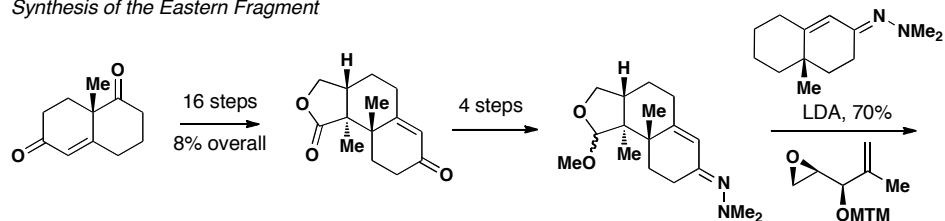
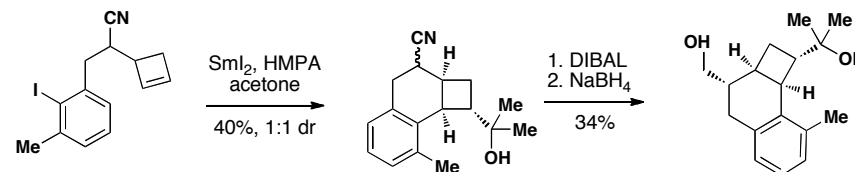
Smith Retrosynthesis

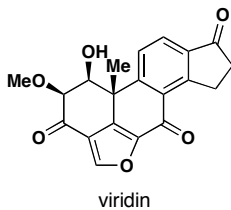
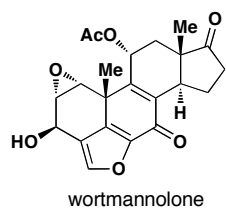
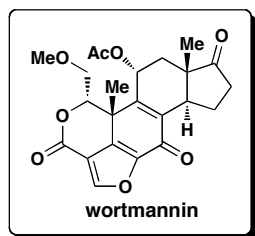
Smith Total Synthesis - *JACS*, 125, 8228; *JACS*, 122, 11254.

Synthesis of the Western Fragment



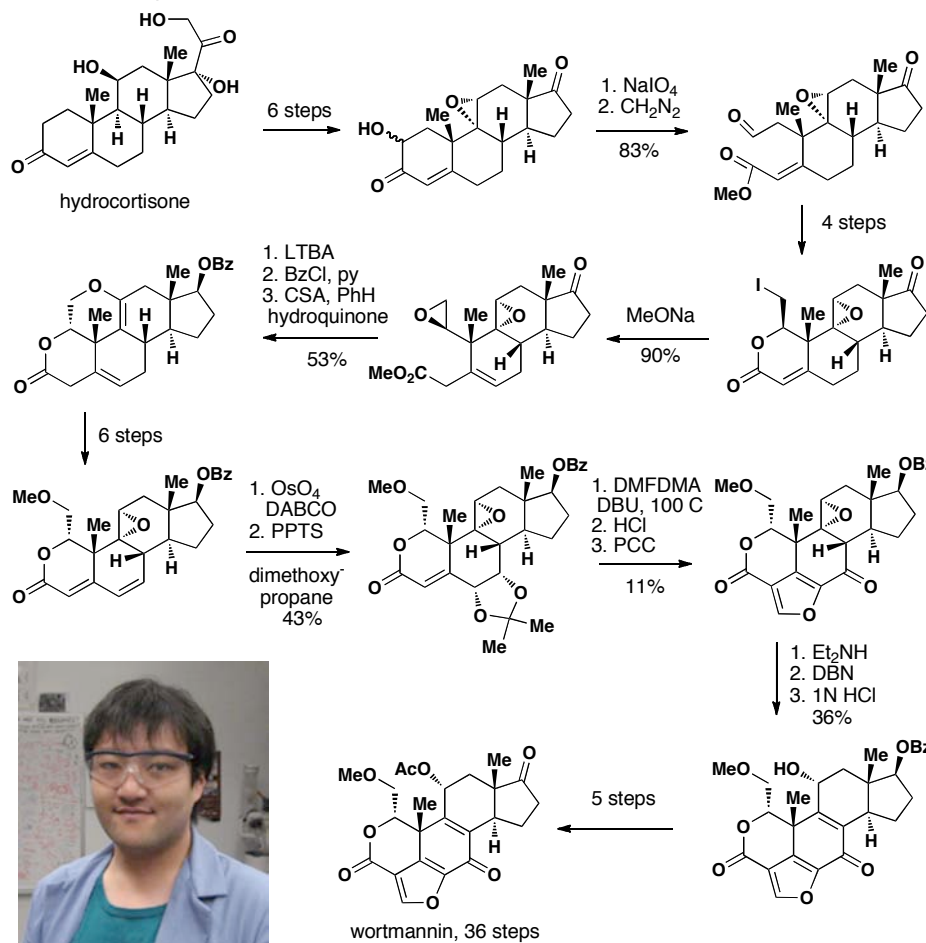
Synthesis of the Eastern Fragment

Curran Study - *OL*, 5, 419; *JOC*, 69, 3719.

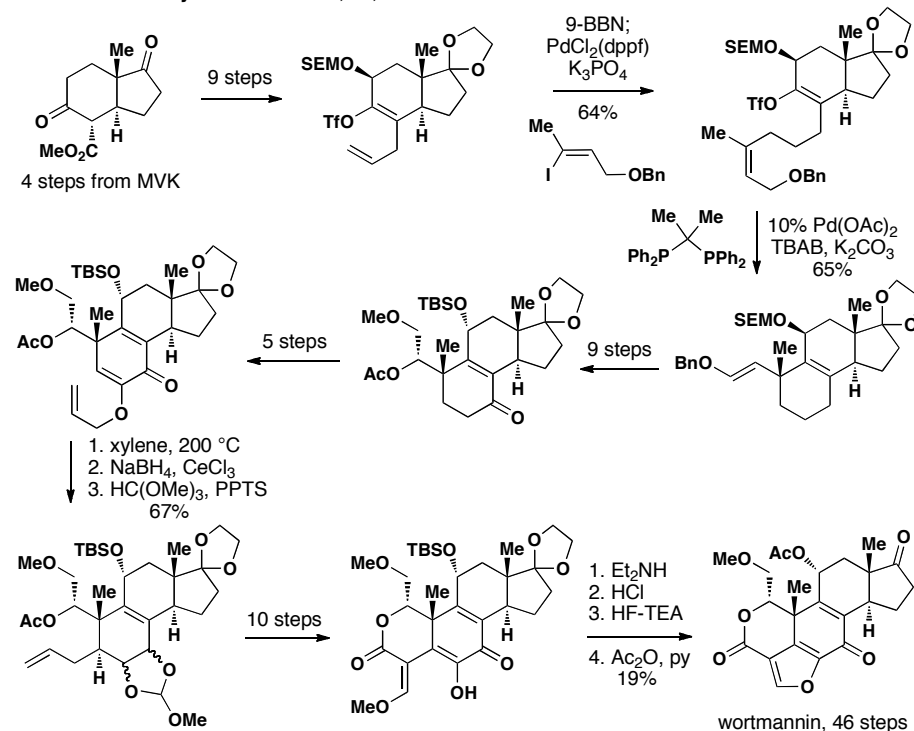


Wipf Review - *Org. Biomol. Chem.*, 3, 2053

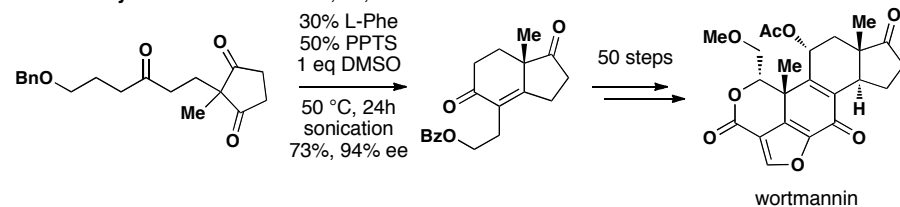
Shibasaki Semisynthesis - *Tet. Lett.*, 37, 6141.



Shibasaki Total Synthesis - *ACIEE*, 41, 4680.



Shibasaki Asymmetric Formal - *Tet.*, 61, 5057.



Broka Study - *JOC*, 57, 4888.

