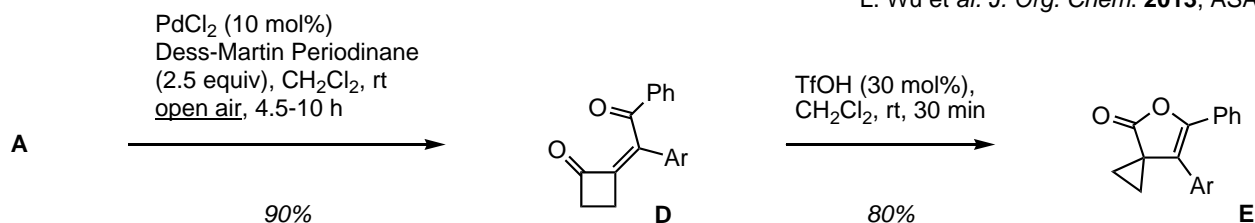
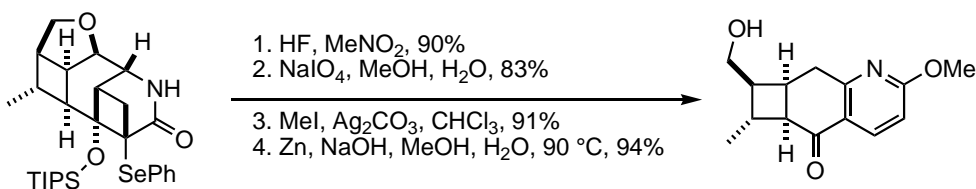
L. Wu et al. *J. Org. Chem.* **2013**, ASAP.L. Wu et al. *Org. Lett.* **2012**, 14, 2718.

Hints:

- (1) Two reactions (**A** to **B**, **A** to **D**) probably proceed via a common intermediate.
- (2) Addition of Dess-Martin periodinane (in **A** to **D**) is not essential for obtaining **D**: Reaction without D.-M. reagent gives a mixture of **D** and **E**.



1. DMP, CH_2Cl_2 , 93%
2. MeMgI , Et_2O , $-78\text{ }^\circ\text{C}$, 76%
3. DMP, CH_2Cl_2 , 92%
4. Comin's Reagent, KHMDs , THF, 74%
5. $(\text{Ph}_3\text{P})_4\text{Pd}$ (cat.), $(\text{SnMe}_3)_2$, LiCl , dioxane, 76%
6. TsOH , $\text{H}_2\text{NCO}_2\text{Me}$, PhH , $60\text{ }^\circ\text{C}$, 37%

