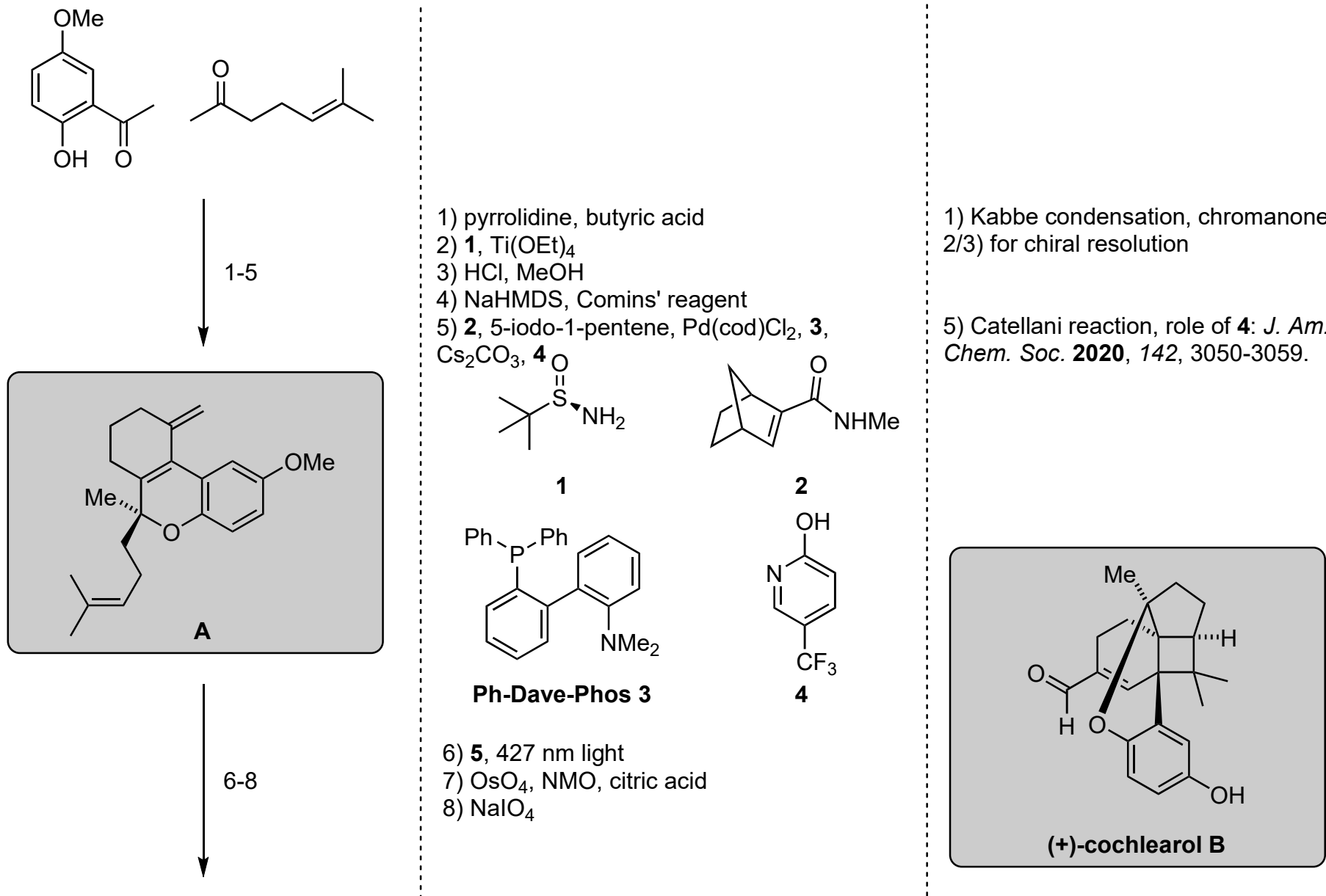
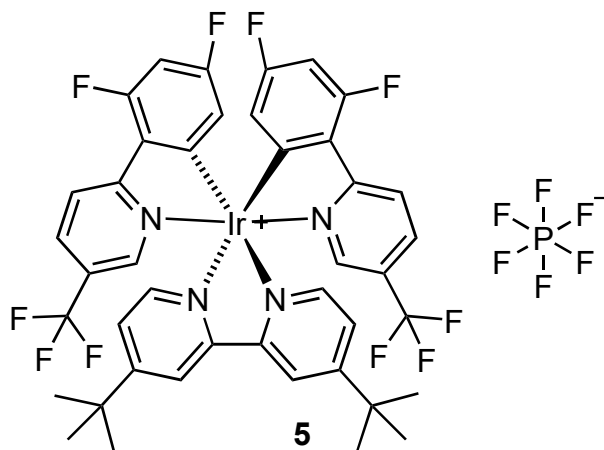
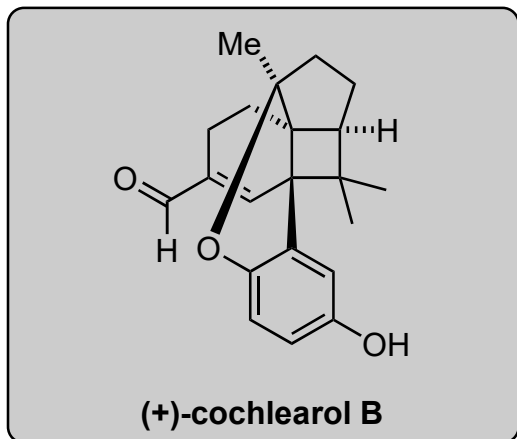
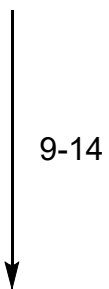
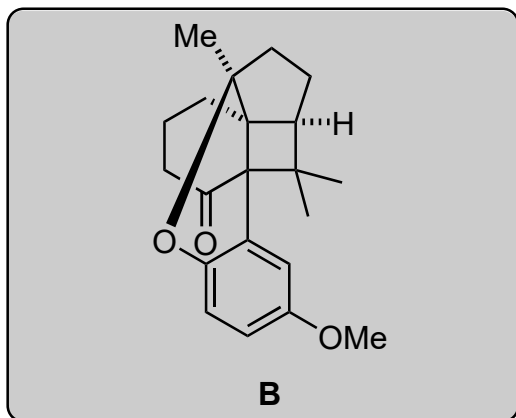


# Total Synthesis of (+)-Cochlearol B by an Approach Based on a Catellani Reaction and Visible-Light-Enabled [2+2] Cycloaddition

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- 9) *N,N*-dimethylformamide dimethyl acetal
- 10)  $\text{Tf}_2\text{O}$ , 2,6-lutidine
- 11)  $\text{Pd}(\text{PPh}_3)_4$ ,  $\text{Et}_3\text{N}$ ,  $\text{HCO}_2\text{H}$
- 12)  $\text{NaBH}_4$ ,  $\text{MeOH}$
- 13)  $\text{MeMgI}$
- 14)  $(\text{COCl}_2)$ ,  $\text{DMSO}$ ,  $\text{Et}_3\text{N}$

14) Swern