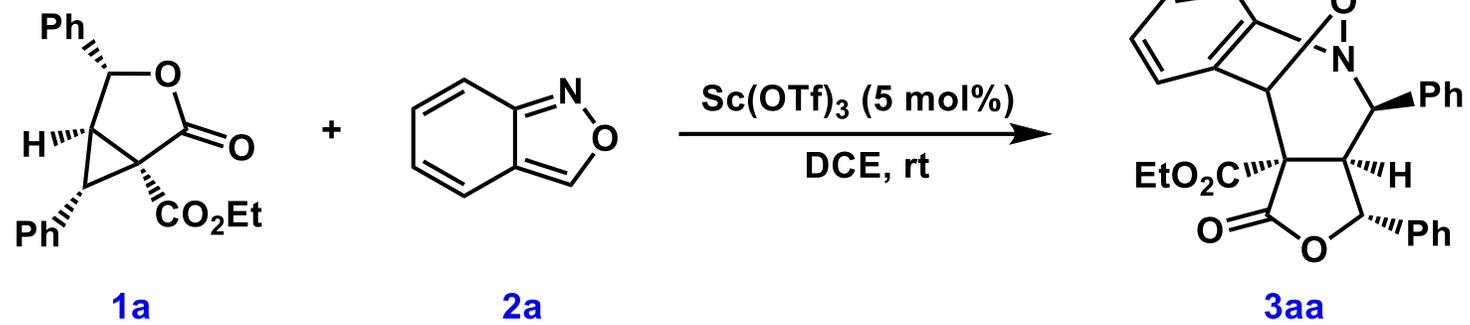
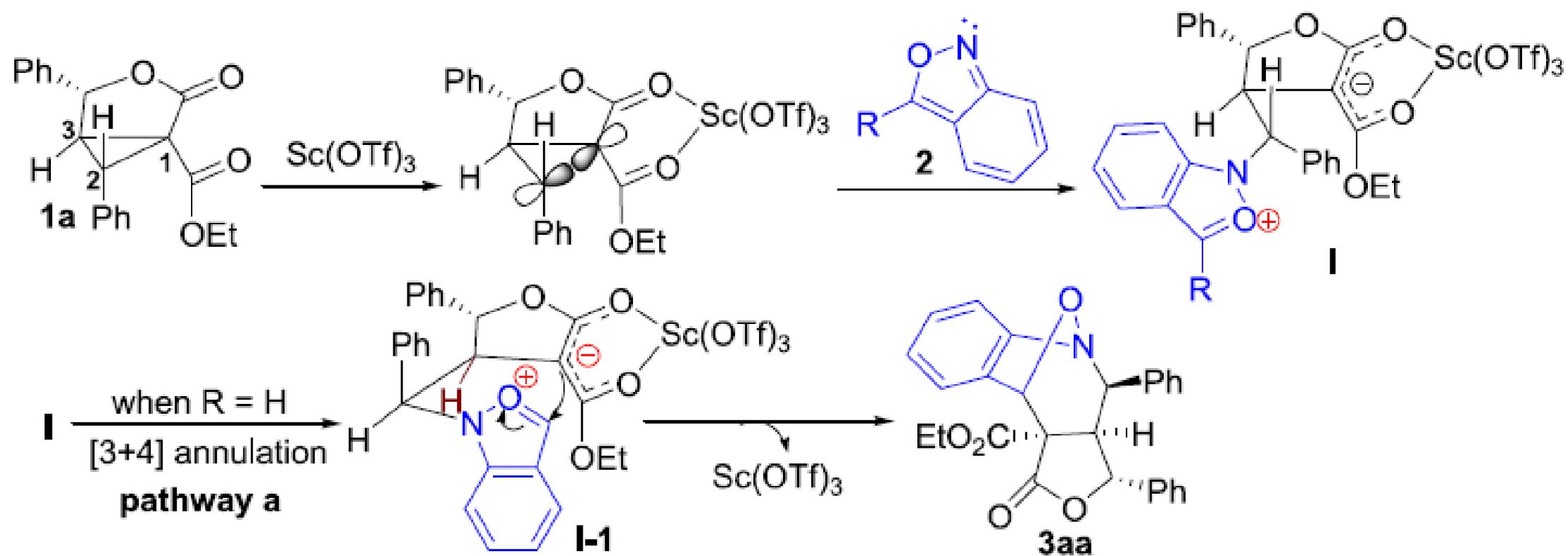


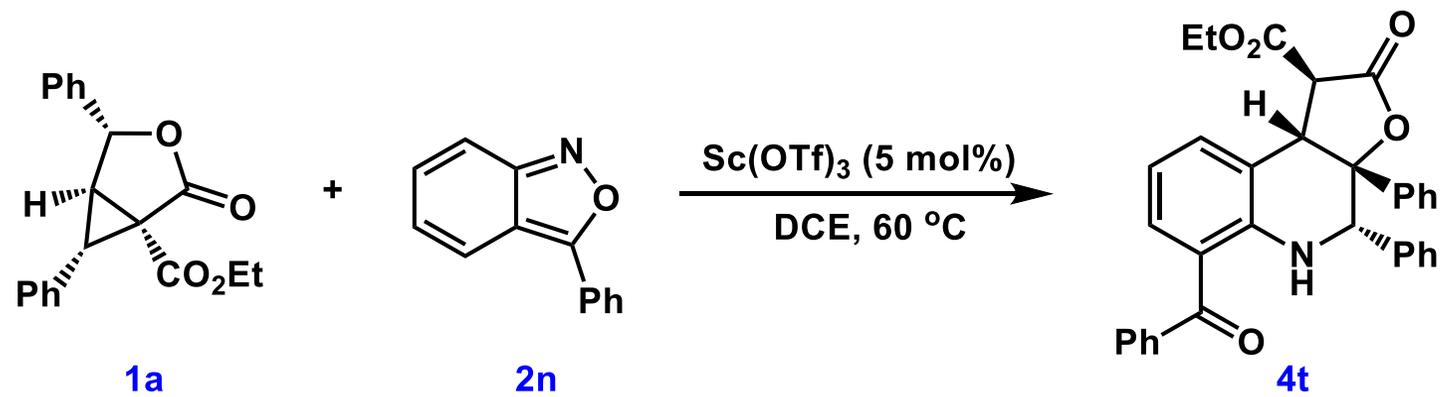
1.



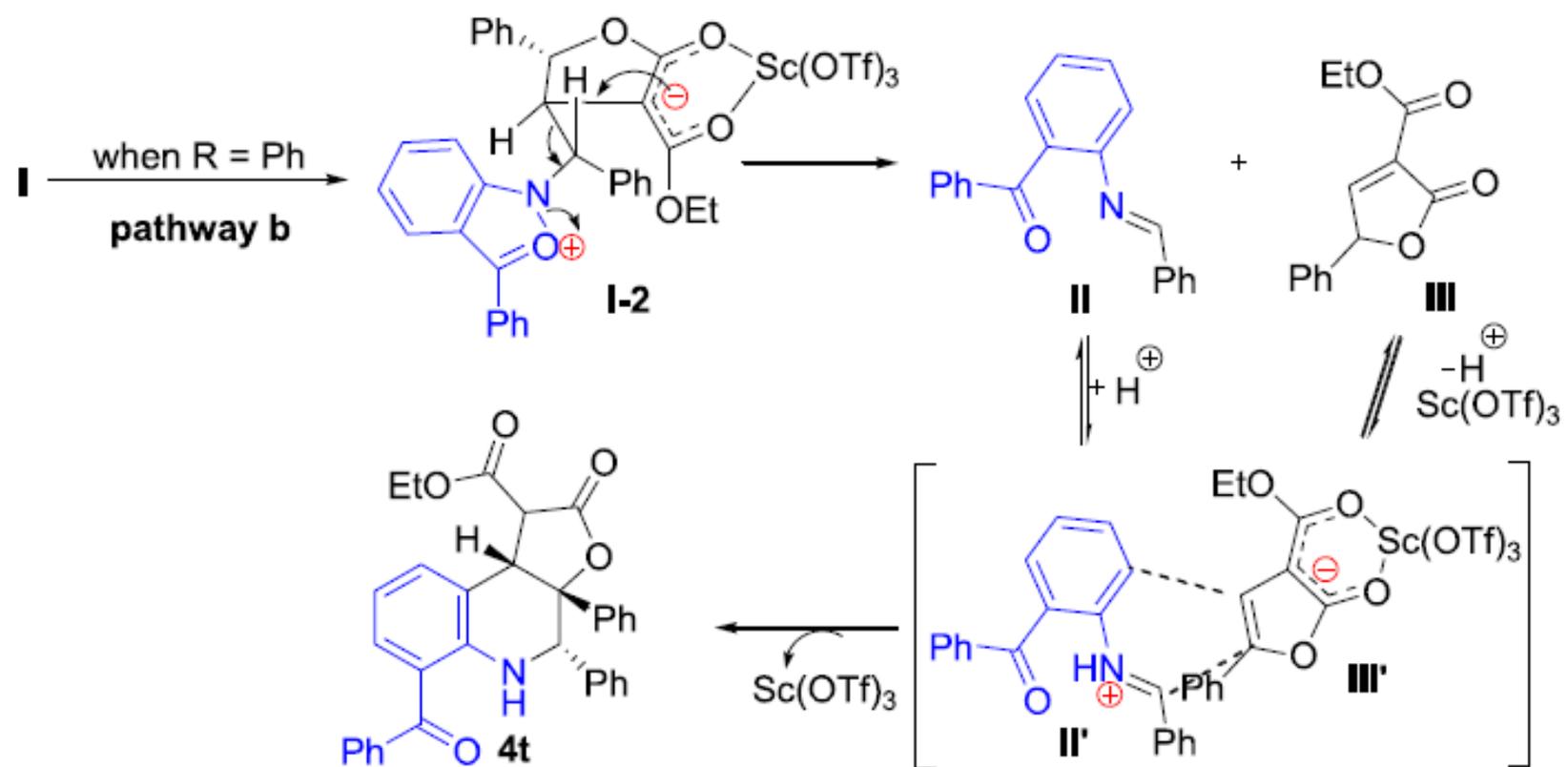
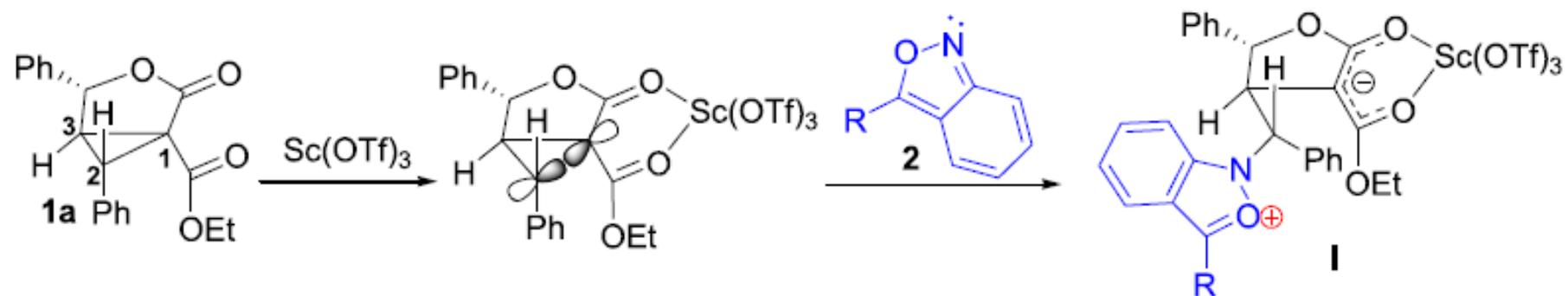
J. Org. Chem., **2020**, 85, 430.



2.

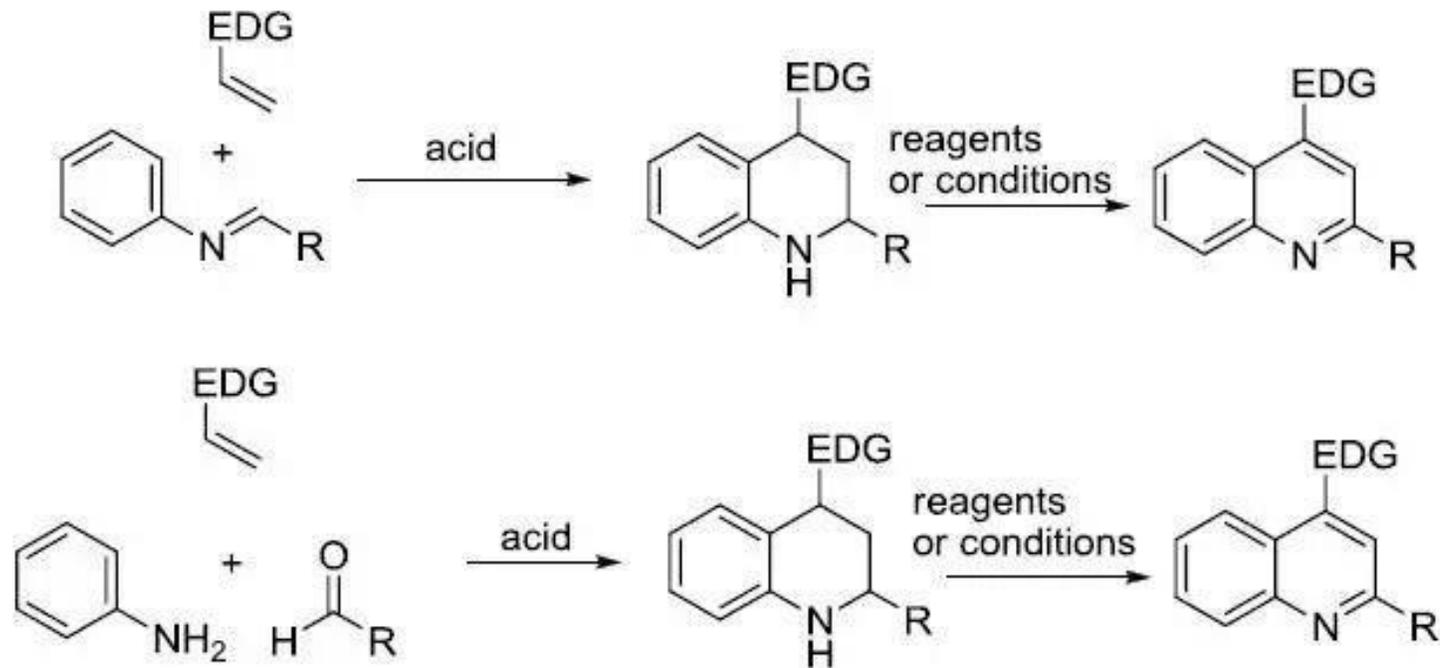


J. Org. Chem., **2020**, *85*, 430.



Pavorov反应

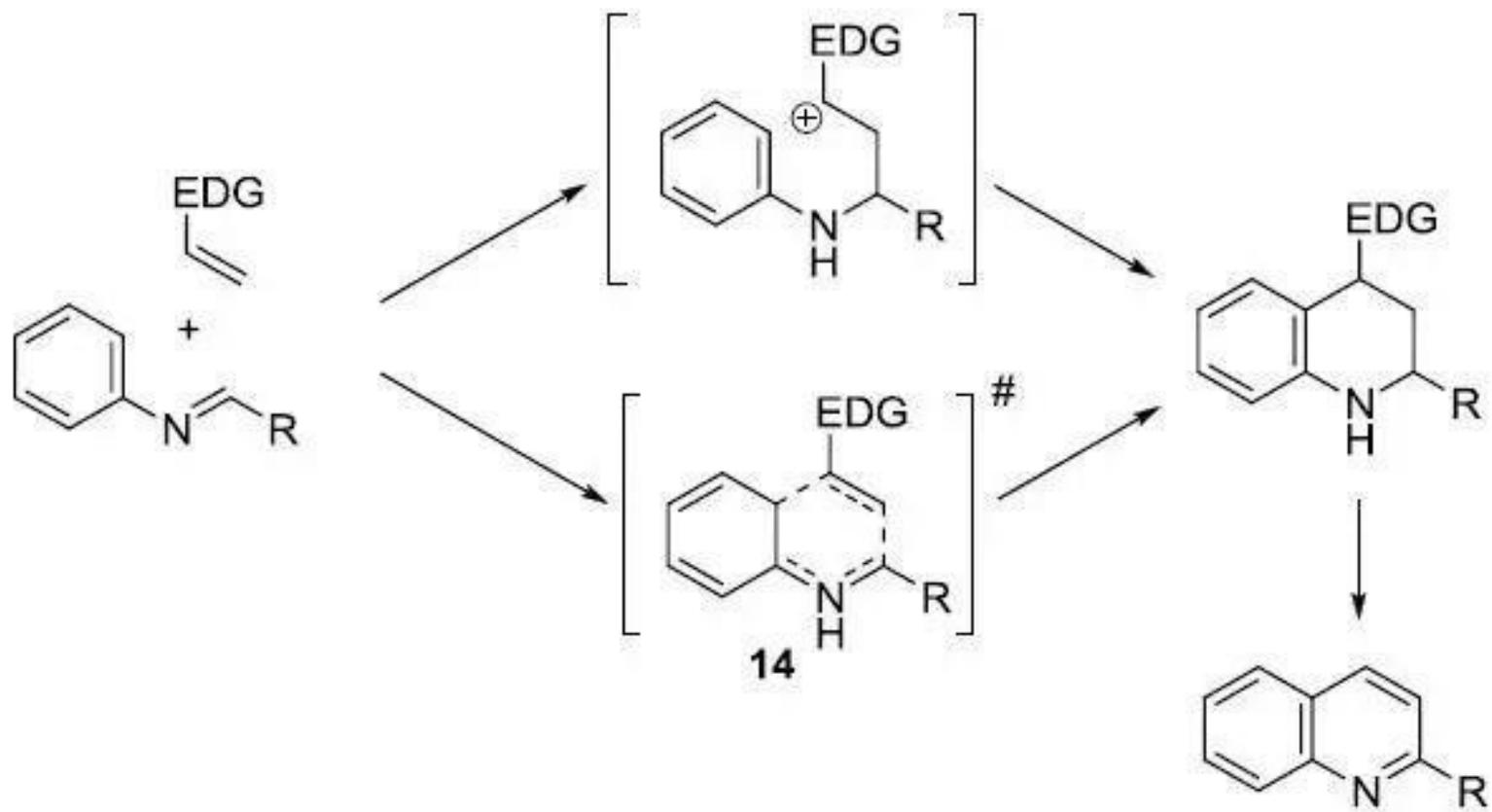
一种逆电子需求的氮杂DA反应 (iEDDA)，以N-芳基亚胺作为二烯体，以富电子烯烃作为亲二烯体进行[4 + 2]环加成得到四氢喹啉类产物或取代喹啉类的反应。



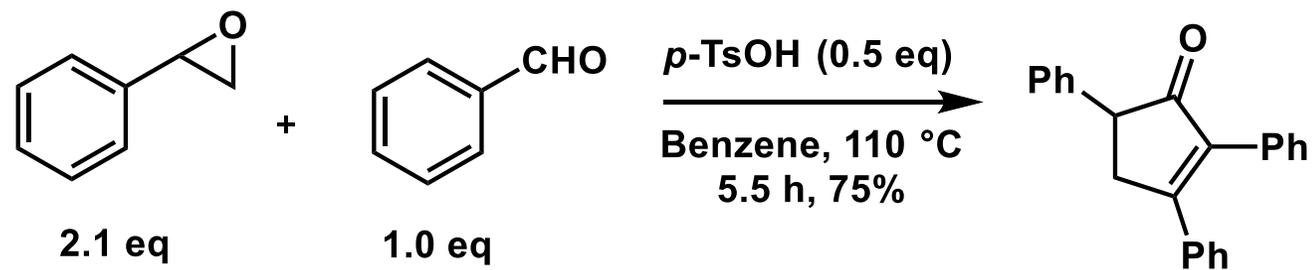
EDG = Electron Donating Group

acids: Lewis acids or Brønsted acids

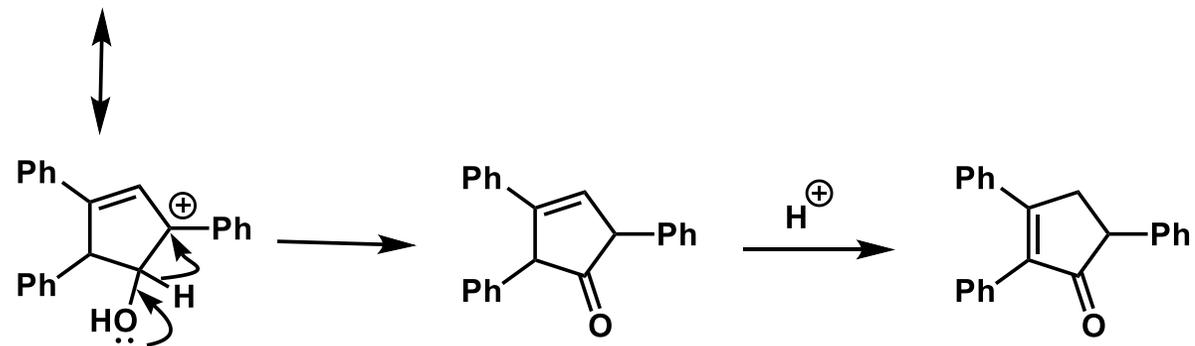
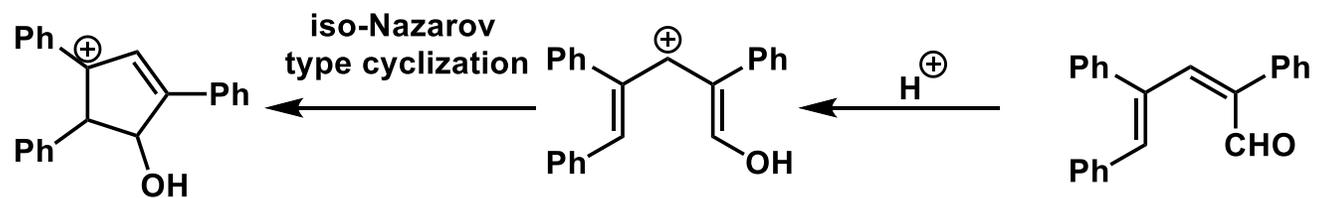
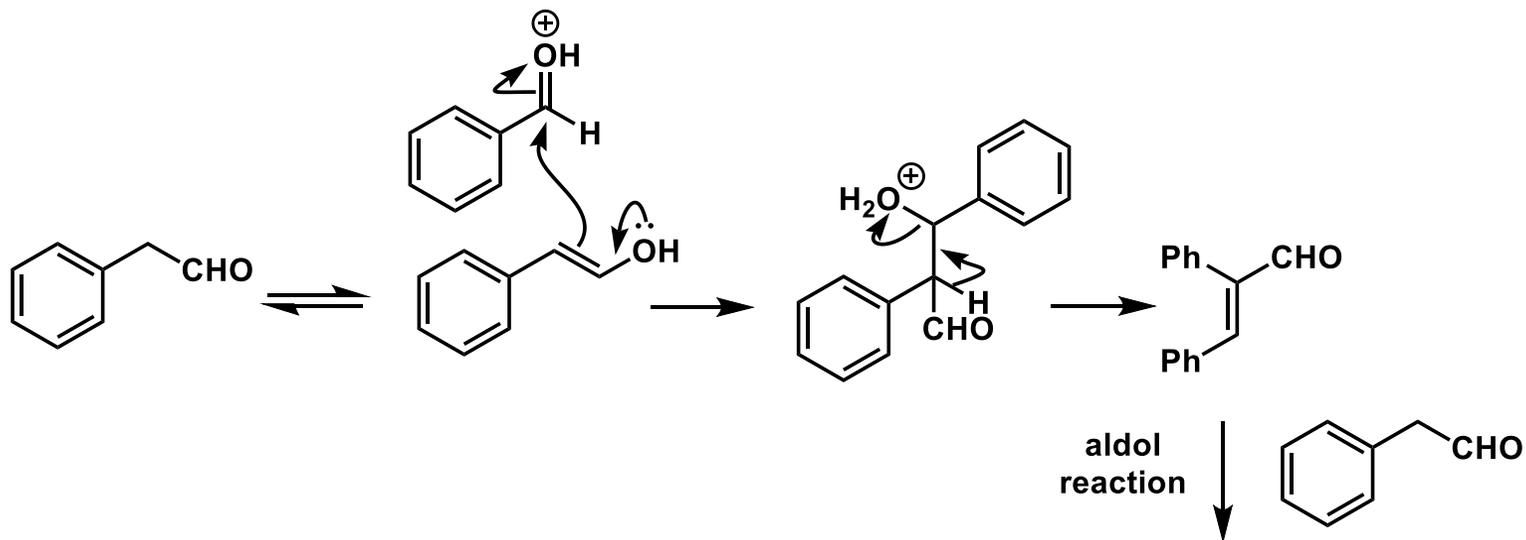
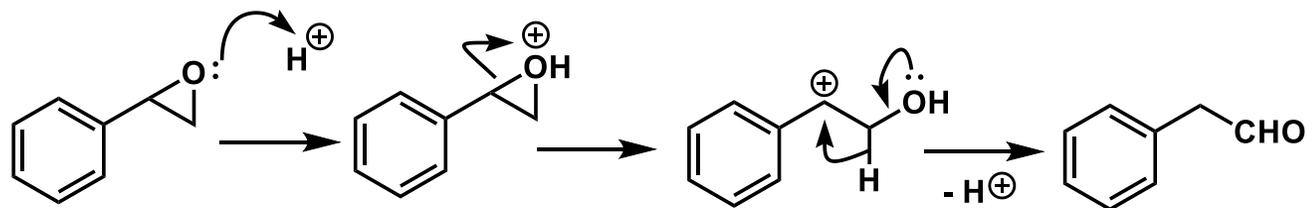
reagents or conditions: 1: DDQ, 2: TsOH/distillation, 3: Pd/C, 4: air/heat, 5: Mn(OAc)₃



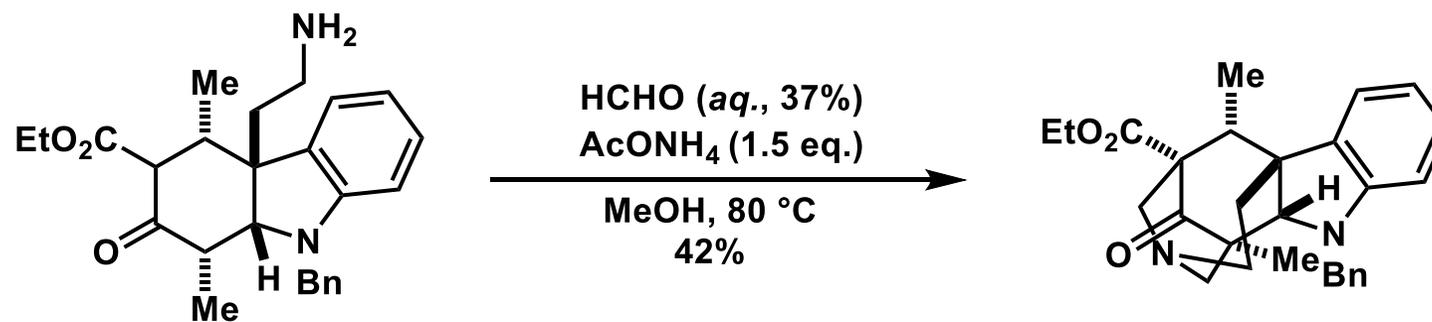
3.



DOI:10.1021/acs.orglett.2c01531.



4.



DOI: 10.1021/acs.joc.2c00602.

