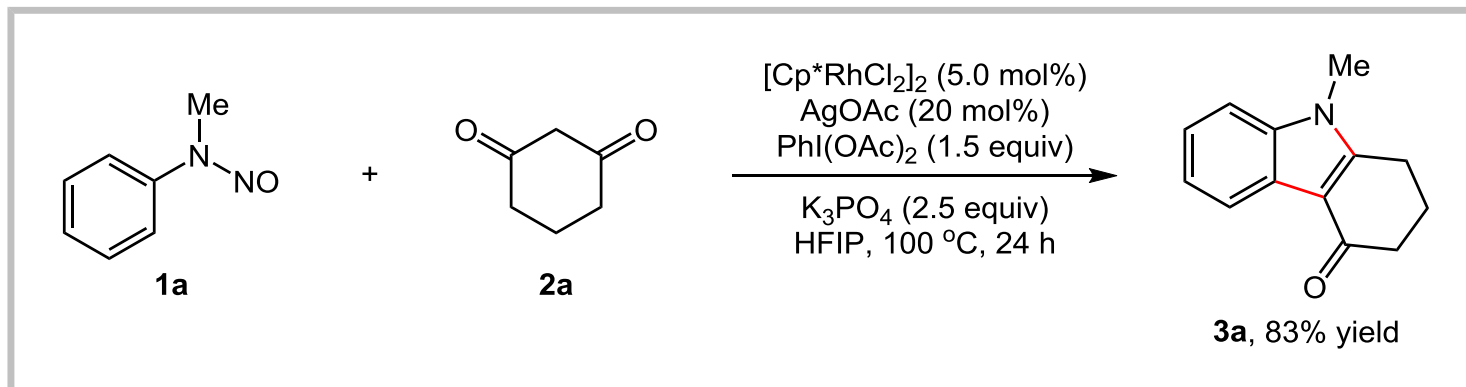




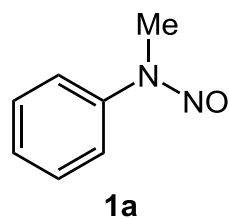
Mechanism Speculation XXV Recommended by Yu-Qing Bai

Rh(III)-Catalyzed Direct C–H Cyclization of *N*-Nitrosoanilines with 1,3-Dicarbonyl Compounds: A Route to Tetrahydrocarbazol-4-ones

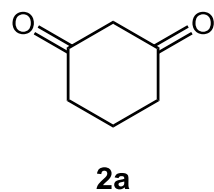


Control Experiments

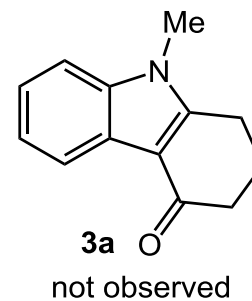
(1)



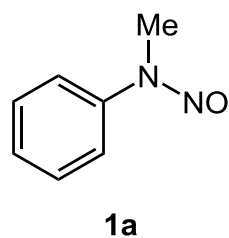
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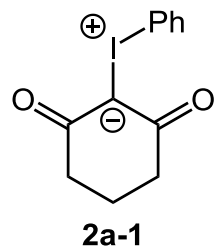
standard condition
without $\text{PhI}(\text{OAc})_2$



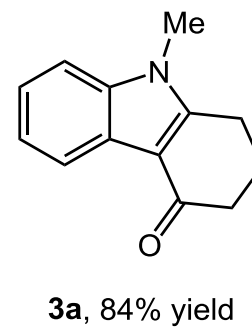
(2)



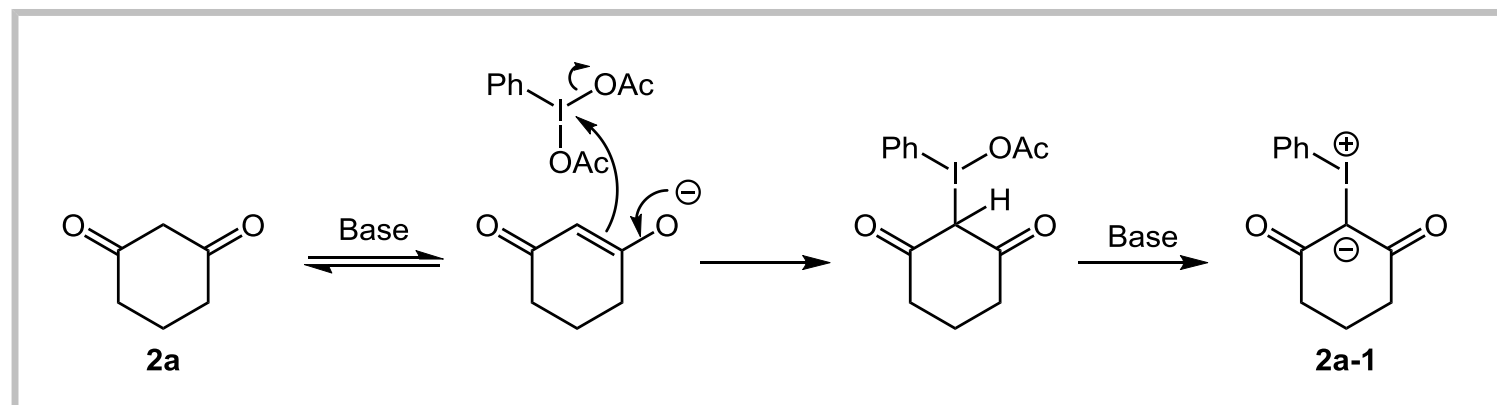
+



$[\text{Cp}^*\text{RhCl}_2]_2$ (5.0 mol%)
 AgOAc (20 mol%)
HFIP, 100 °C, 24 h



Proposed Mechanism



Proposed Mechanism

