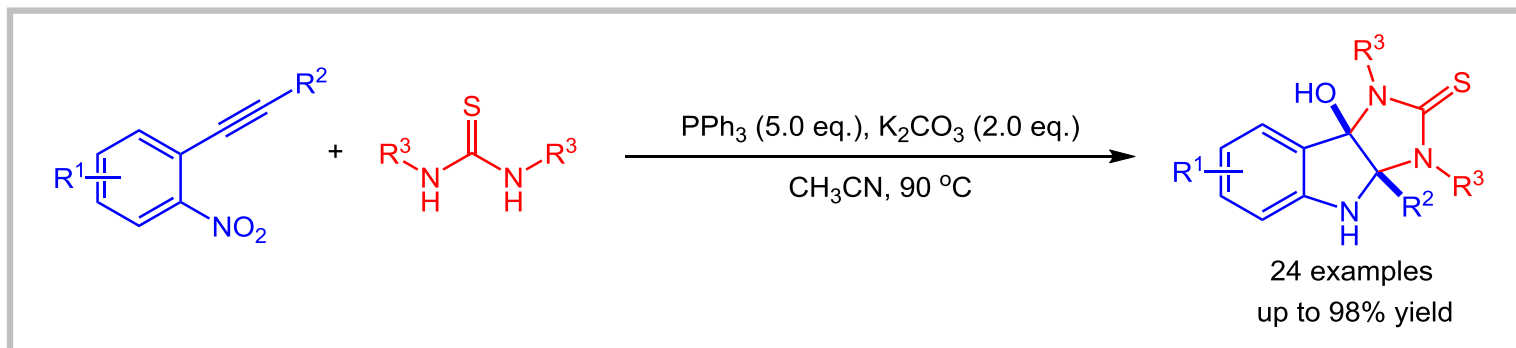




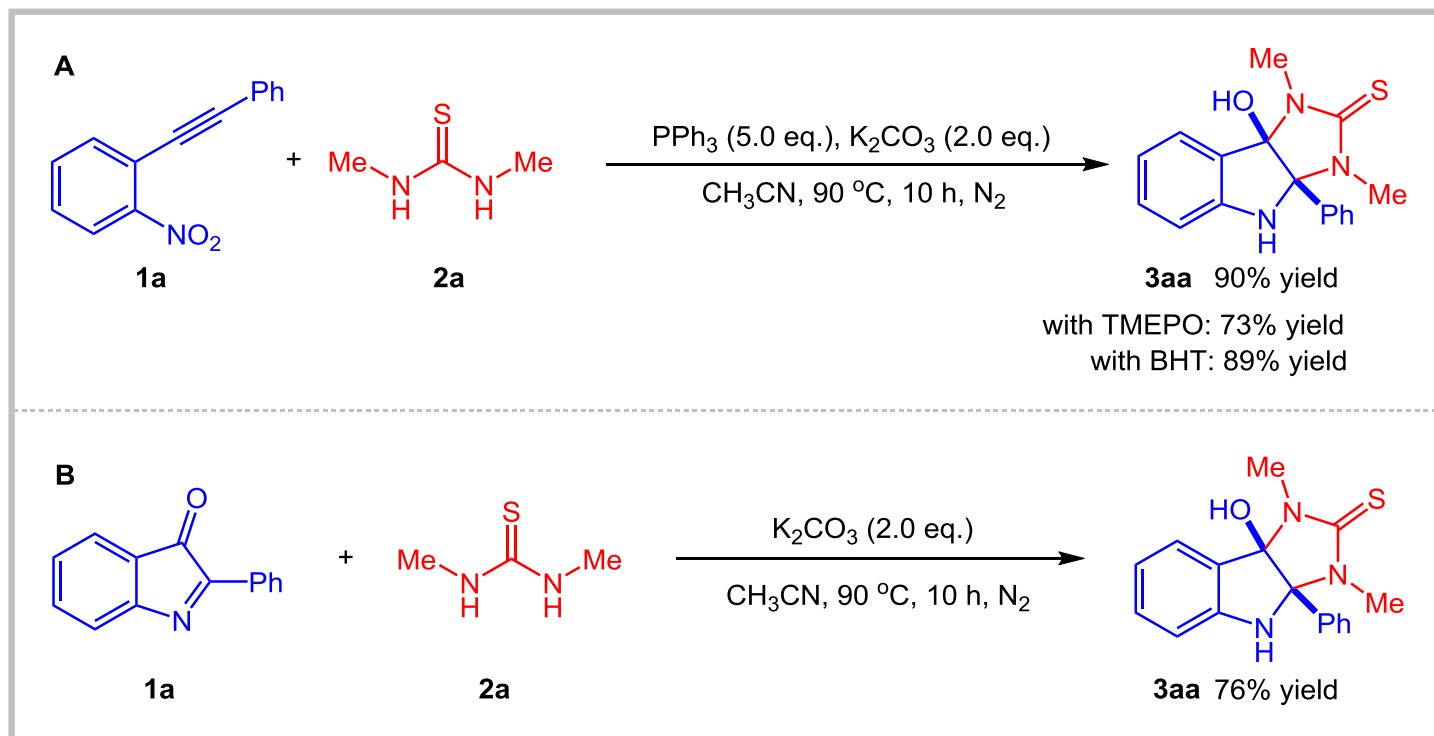
Mechanism Speculation VIII Recommended by Sheng-Mei Lu

PPh₃-Mediated Cascade Reaction of 2-Alkynynitrobenzenes and Thioureas for the Construction of Imidazo[4,5-b]indole-2-thiones

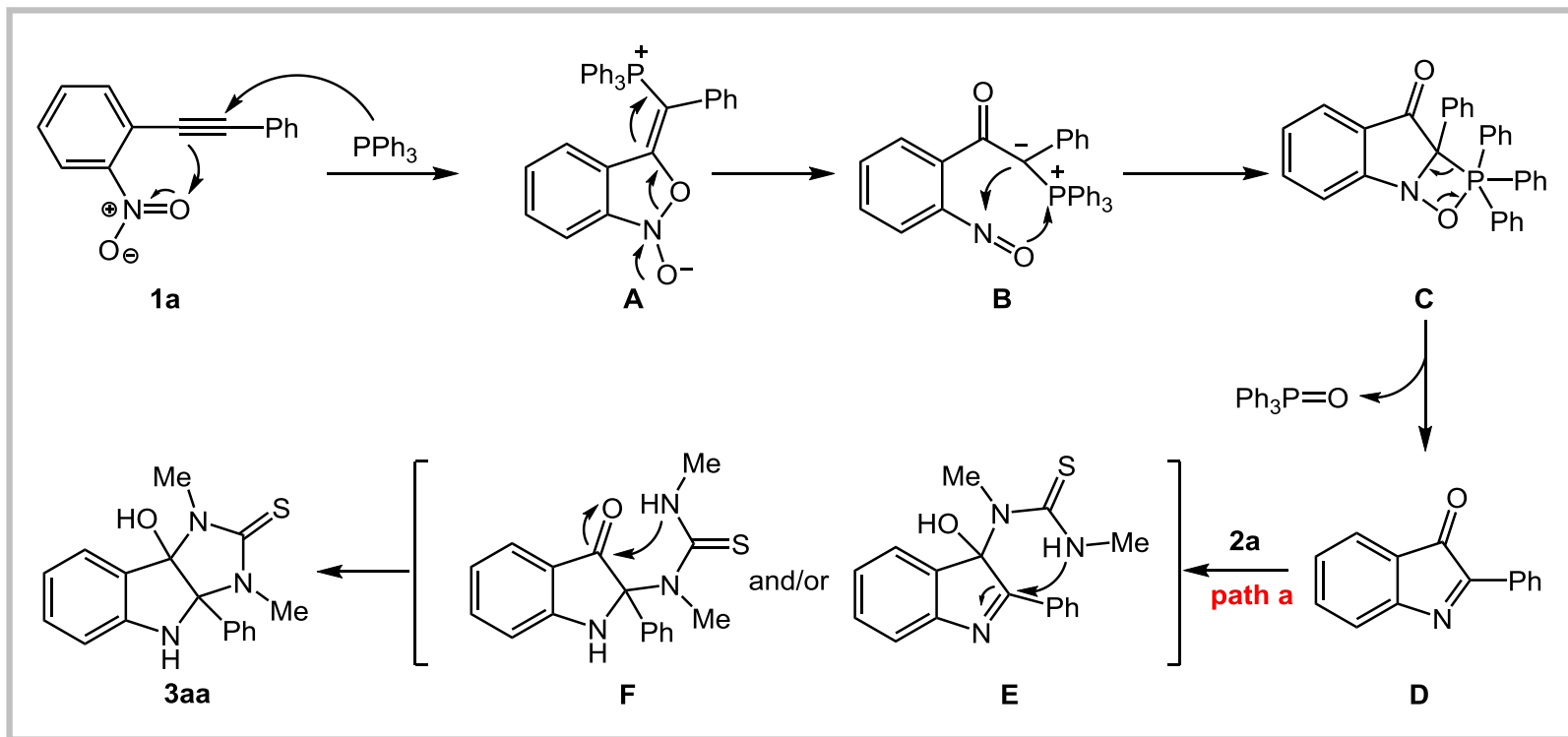


Xu, Y.; Fan, H.; Yang, F.; Xu, S.; Zhao, X.;
Liao, X.; Zhang, X. *J. Org. Chem.* **2023**, *88*, 2801

Control Experiments



Proposed Mechanism



Proposed Mechanism

