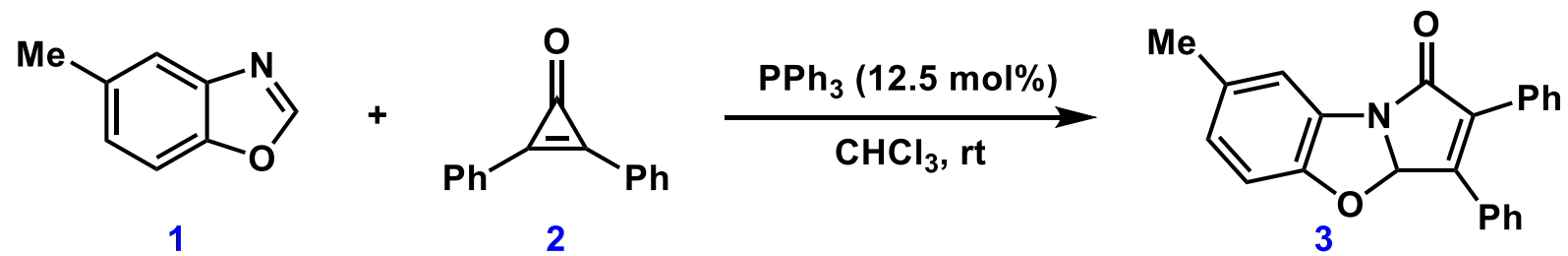
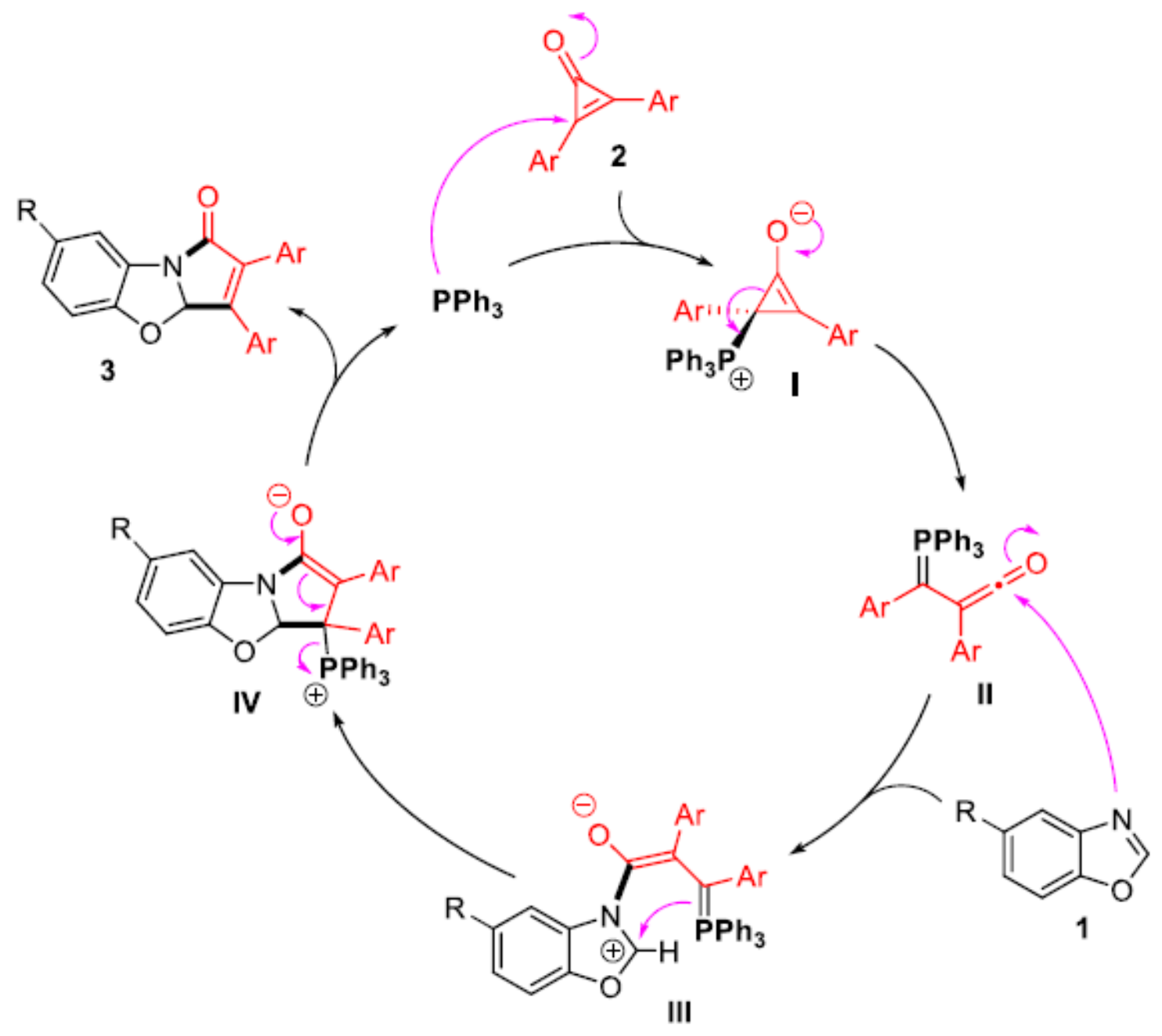


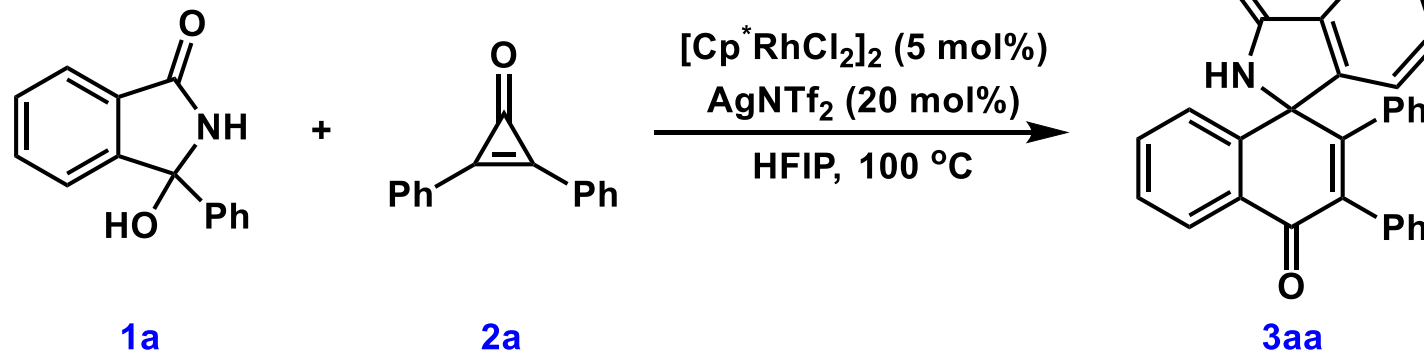
1.



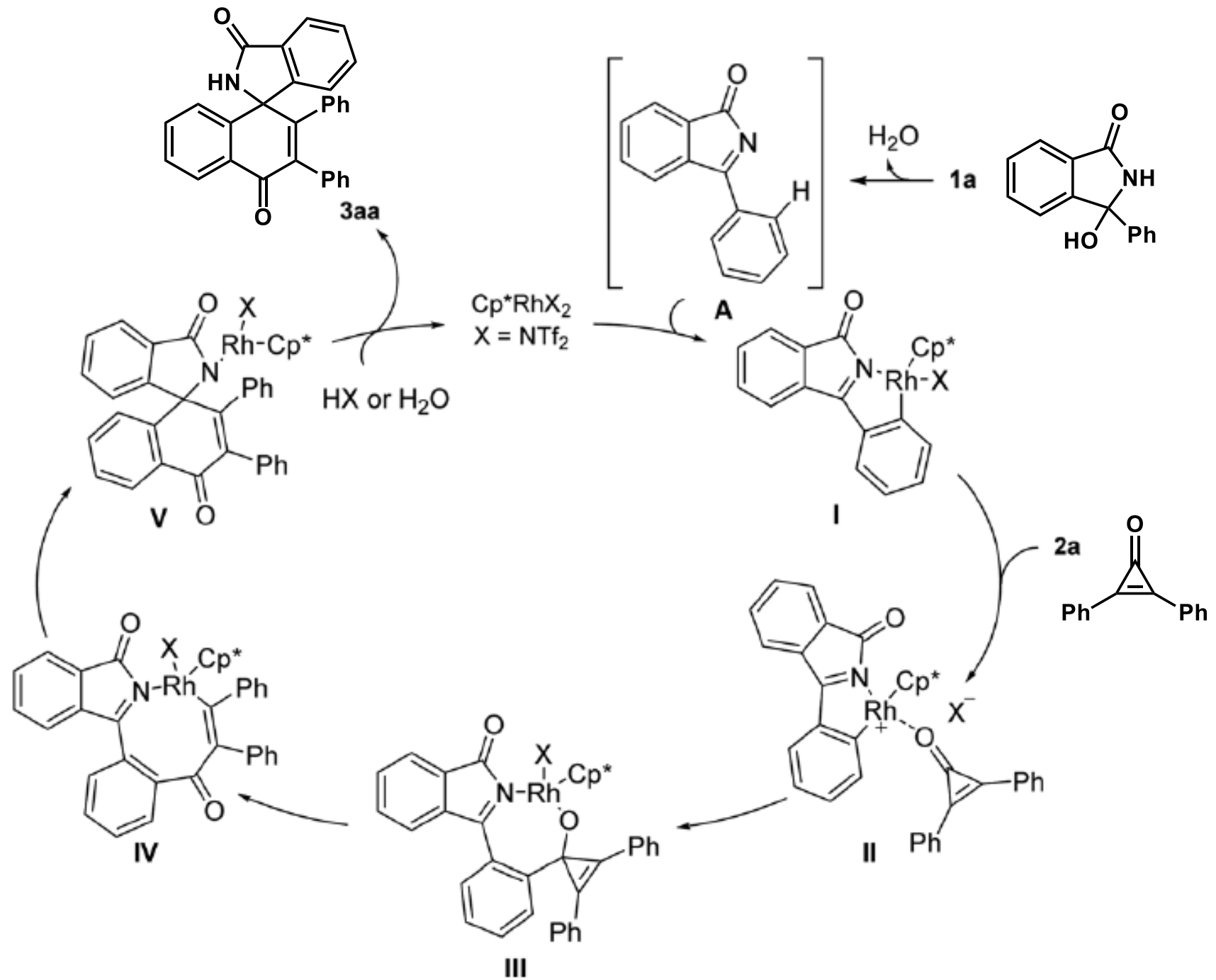
Org. Lett., **2022**, *24*, 1127.



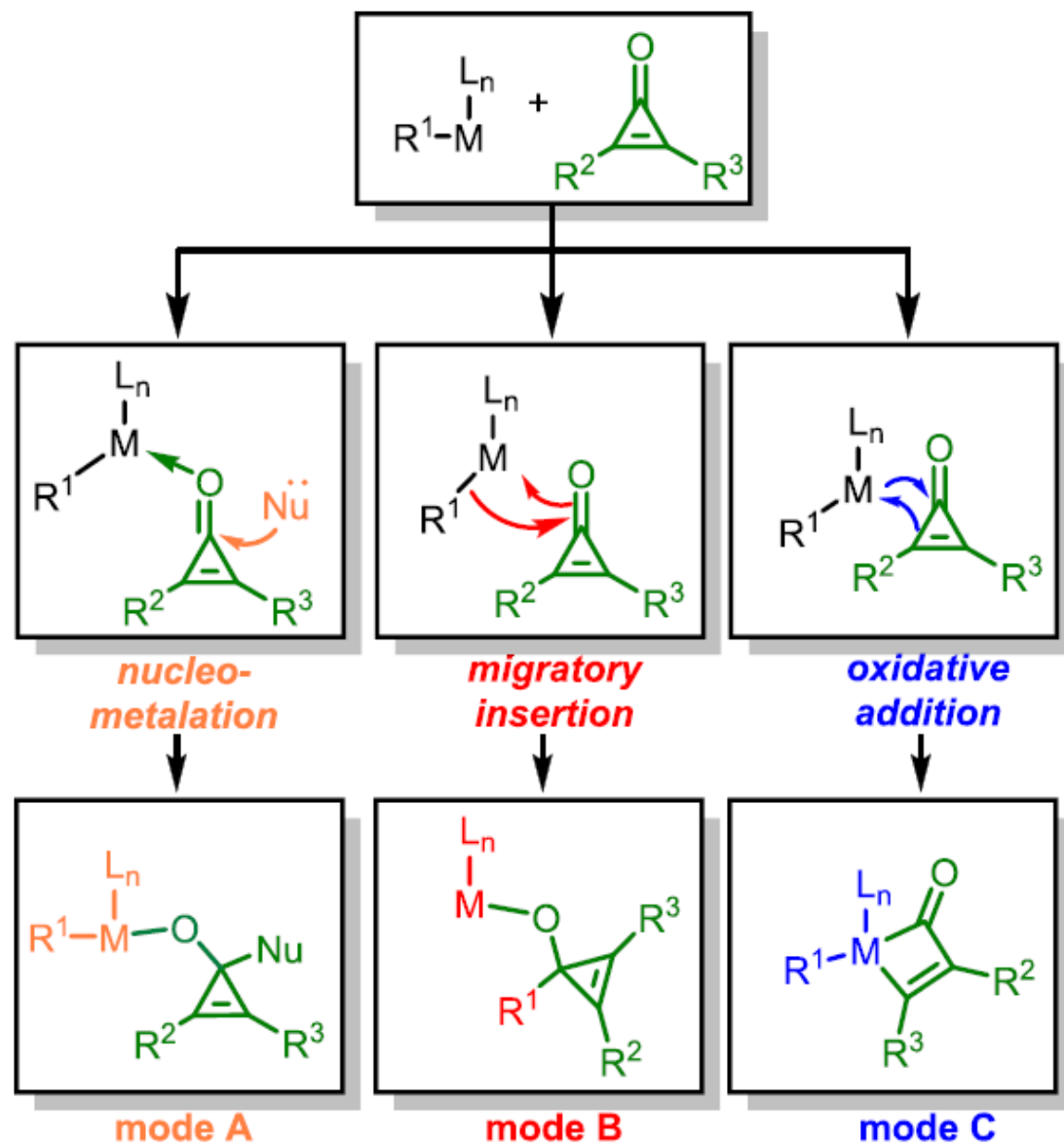
2.



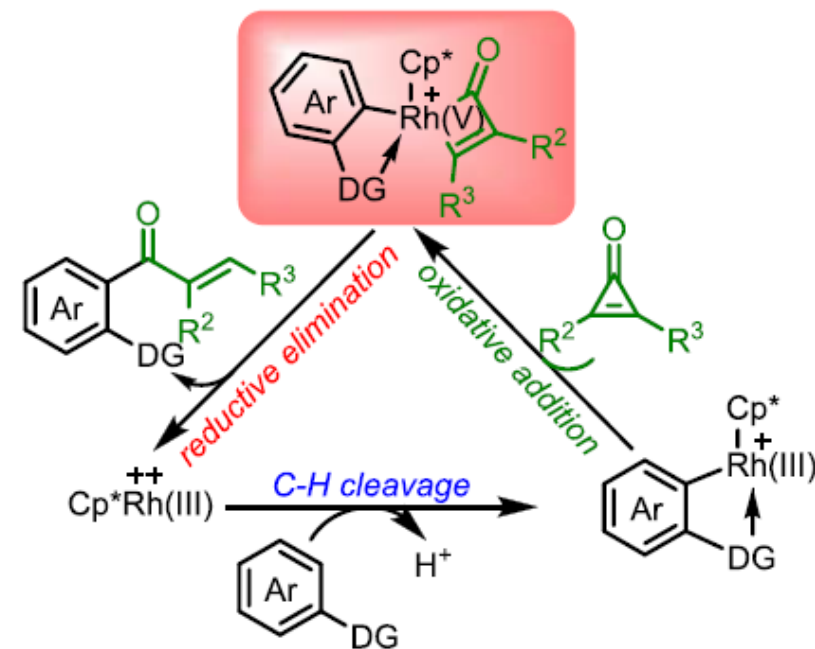
Chem. Commun., **2022**, 58, 4743.



Scheme 1. Activation Modes of Cyclopropanones in Transition-Metal Catalysis

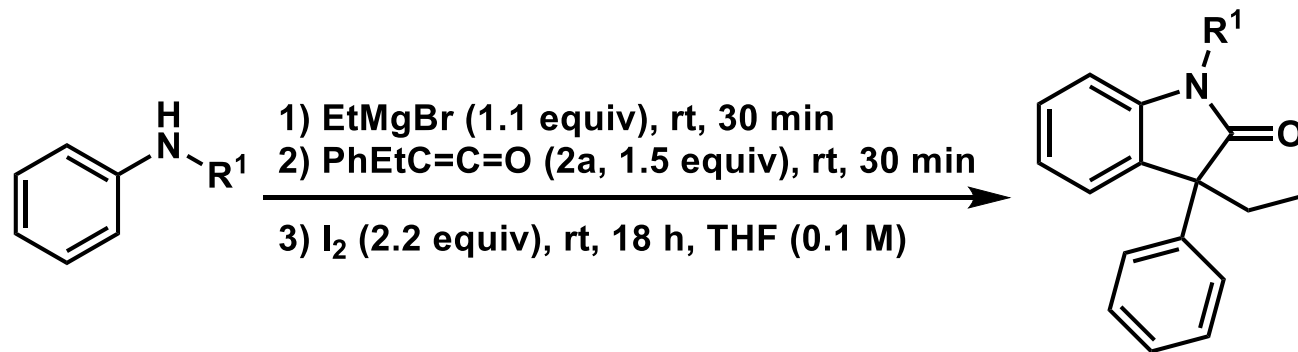


Scheme 4. Common Catalytic Cycle of Cyclopropanone Transformation in Rh-Catalyzed C–H Functionalization

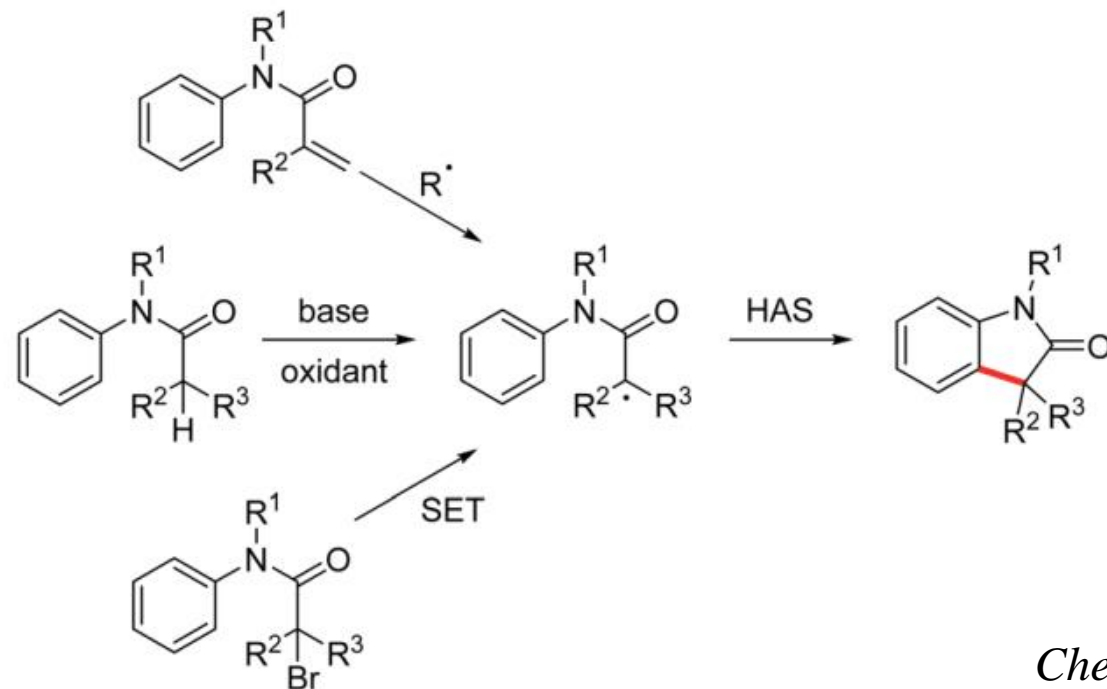


ACS Catal., 2019, 9, 10876.

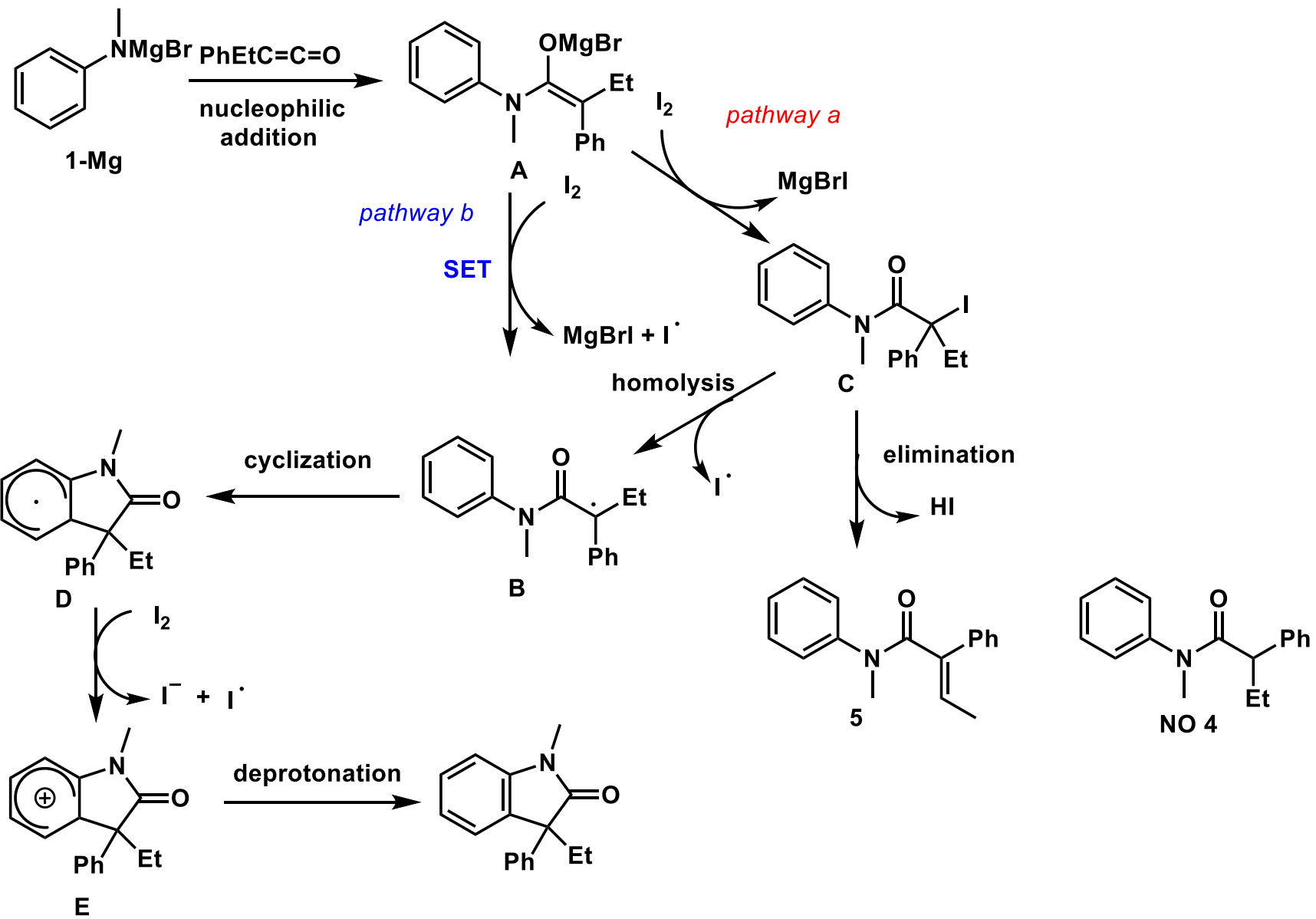
3.

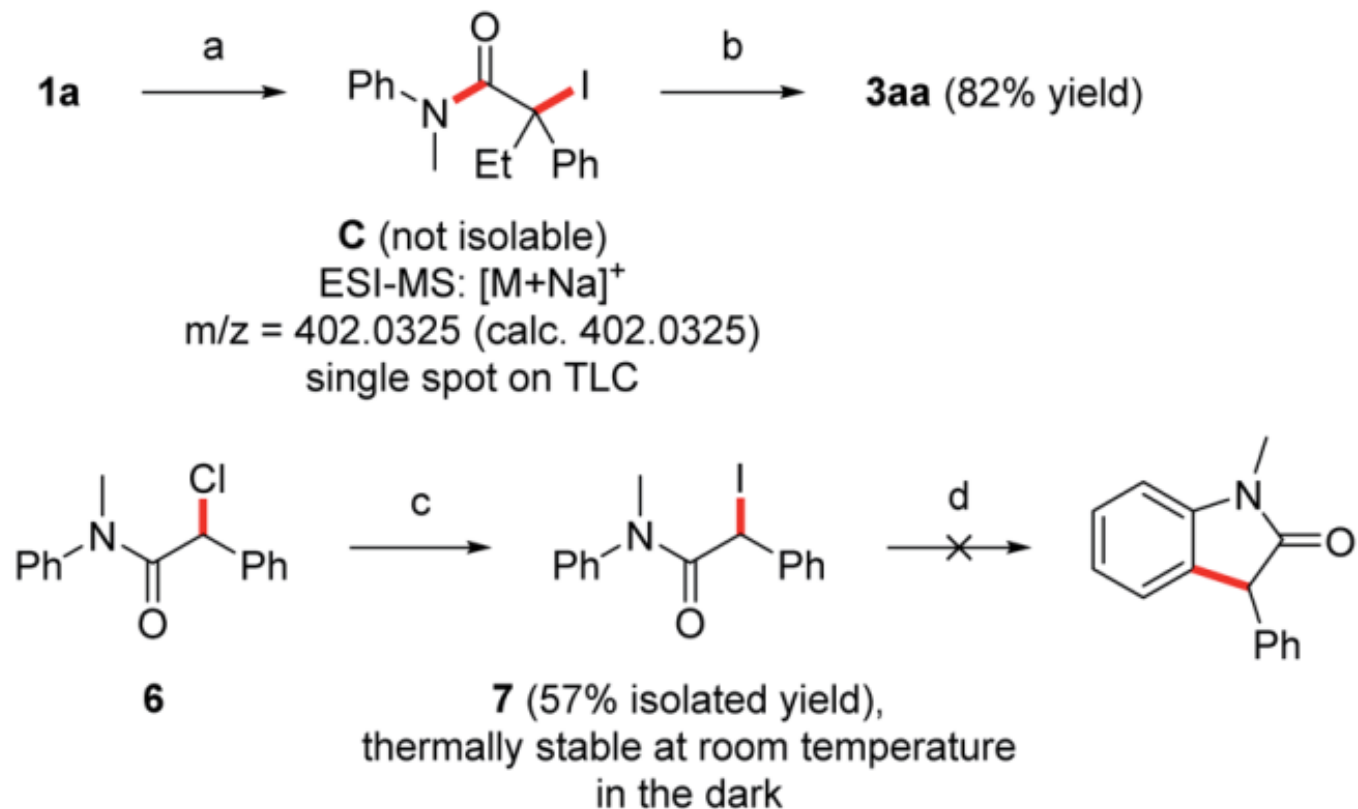


a) Oxindole synthesis *via* homolytic aromatic substitution (HAS)¹⁰⁻¹⁴:



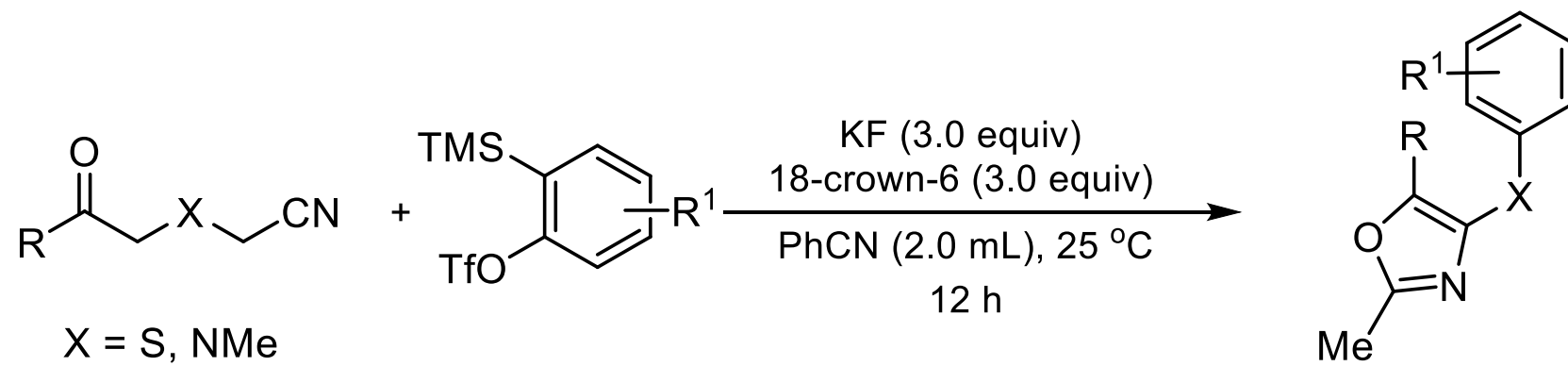
Chem. Sci., **2022**, *13*, 3875.





Scheme 5 Mechanistic experiments. (a) (1) EtMgBr (1.1 equiv.), rt, 30 min, (2) **2a** (1.5 equiv.), $-78\text{ }^\circ\text{C}$, 30 min, (3) I_2 (1.2 equiv.), $-78\text{ }^\circ\text{C}$, 15 min in THF (0.01 M). (b) Warm to room temperature in THF (0.01 M), 18 h. (c) NaI (1.2 equiv.) in acetone (0.77 M), rt, 18 h. (d) Irradiation with blue LED (40 W, 467 nm) in THF (0.01 M), rt, 8 h.

4.



Org. Lett., **2022**, 24, 4145.

