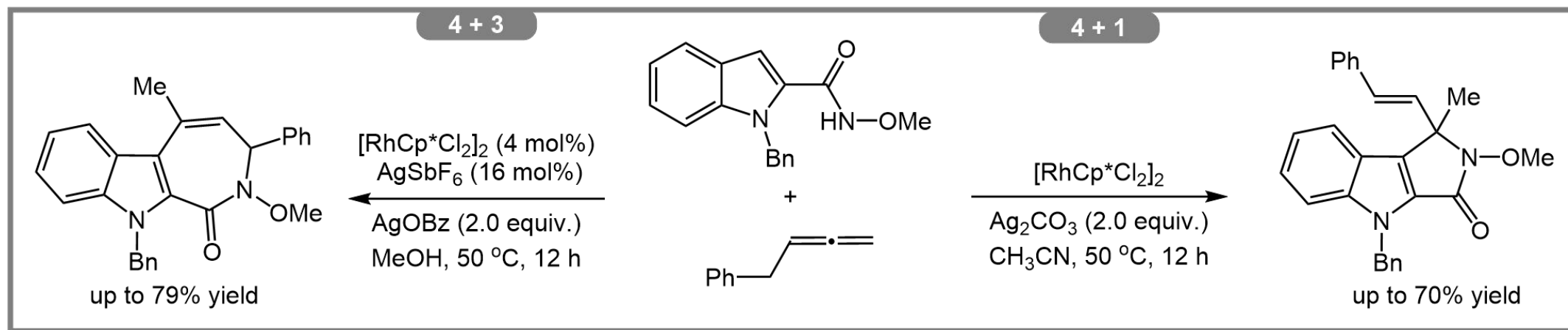


Mechanism Speculation **V** Recommended by Chen Mu-Wang

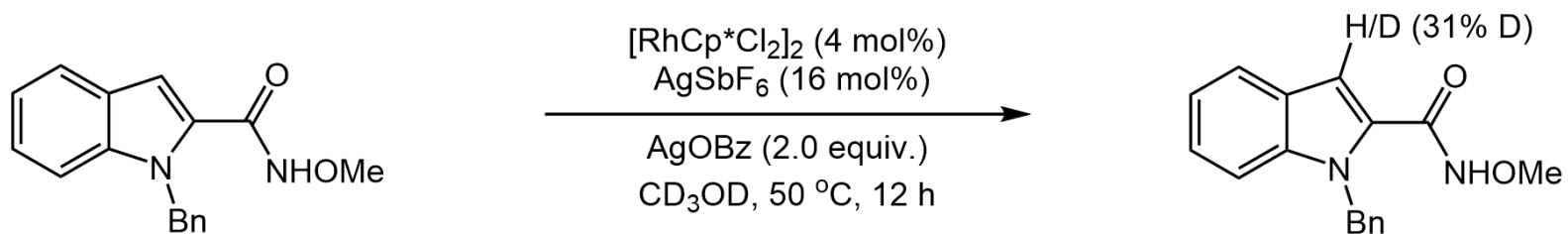
Rhodium-Catalyzed Regiodivergent Oxidative Annulation of Indole-2-carboxamides with Allenes via C–H Bond Activation



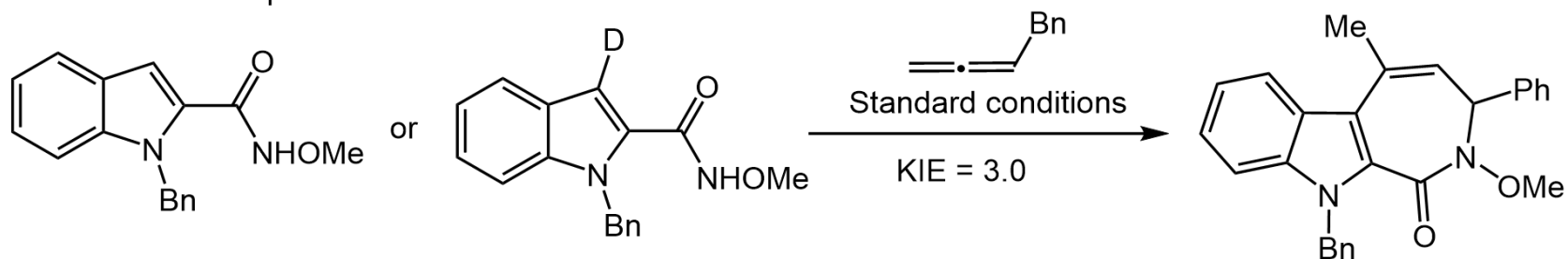
Zhou, W.; Zhu, X.; Wang, F.; Li, X.* *Org. Lett.* **2025**, 27, 12530-12535

Control Experiment

a) H/D exchange studies

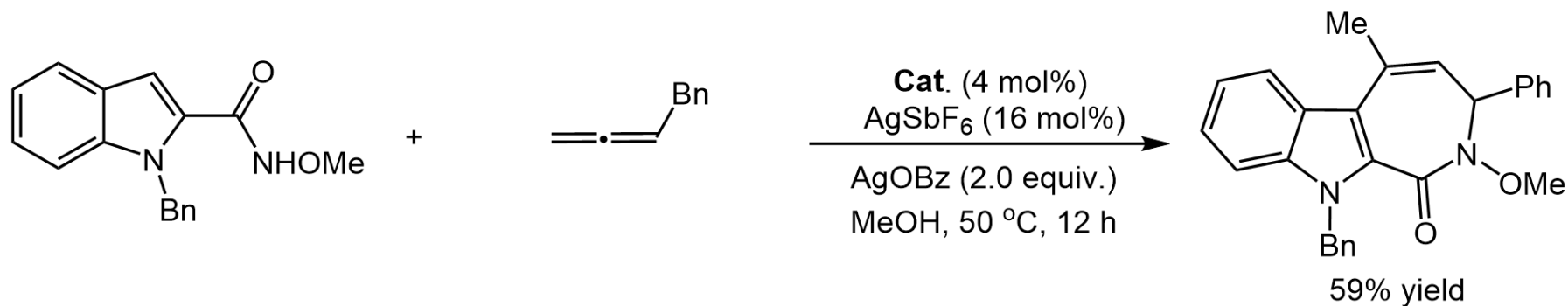
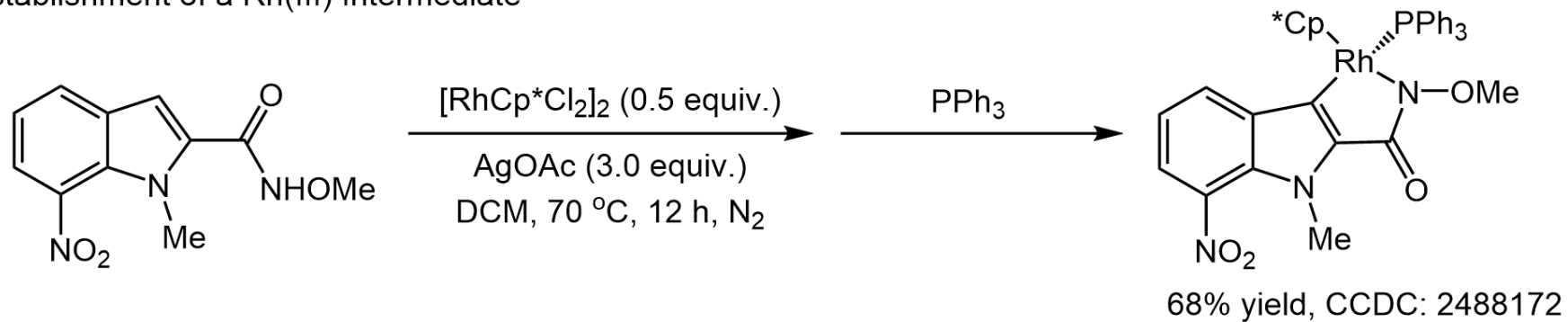


b) Parallel kinetic isotope effects



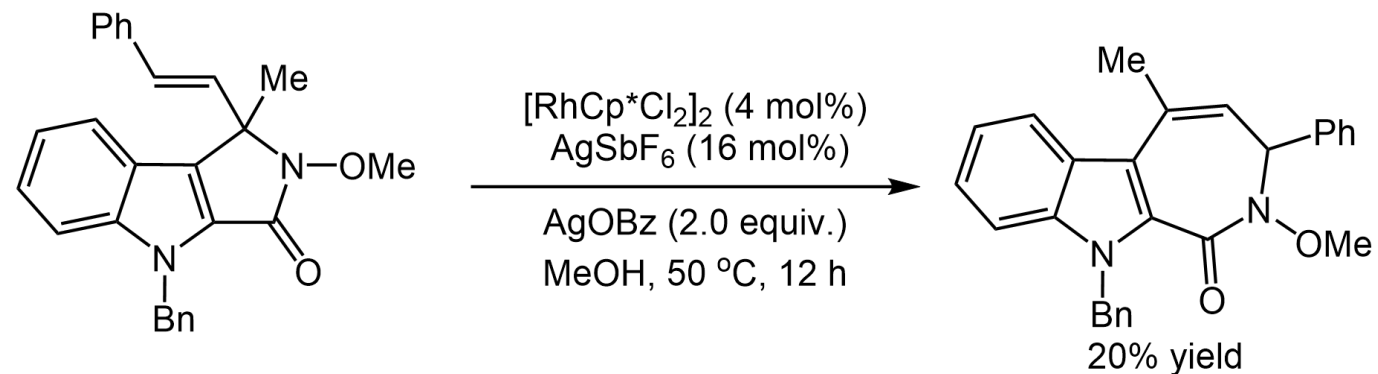
Control Experiment

c) Establishment of a Rh(III) Intermediate

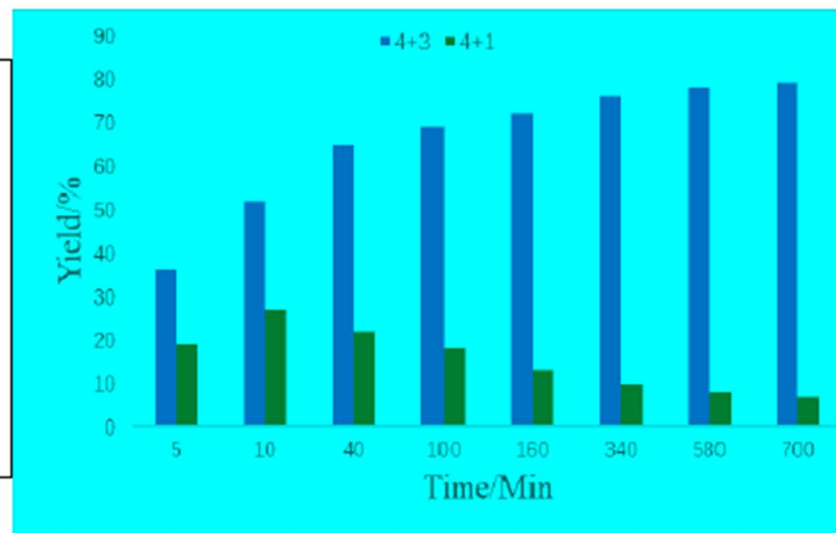
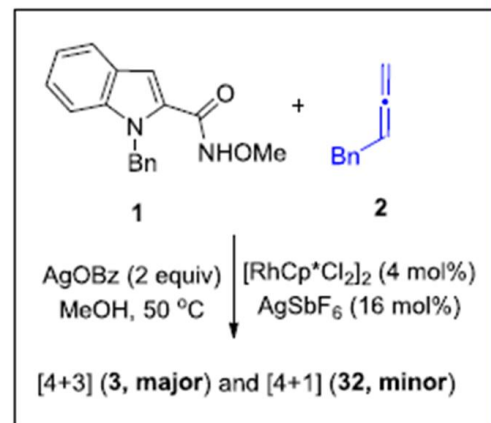


Control Experiment

d) Thermodynamic Stability of [4+1] vs [4+3] Products



(e) Time-Dependent Reaction Product Distribution



Proposed Mechanism

