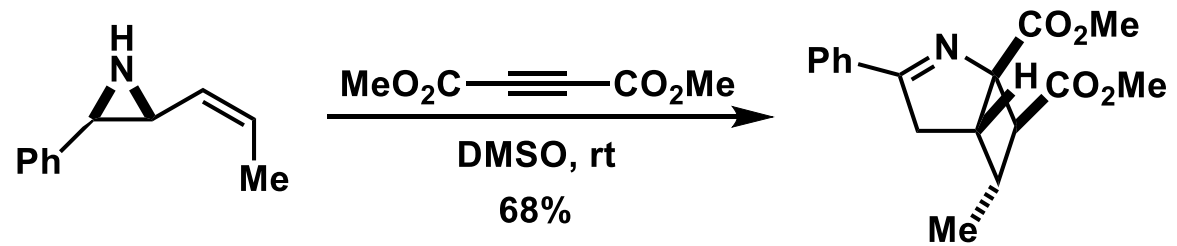
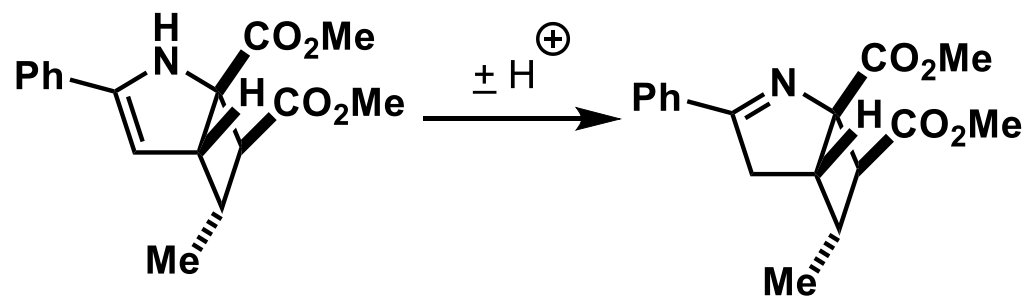
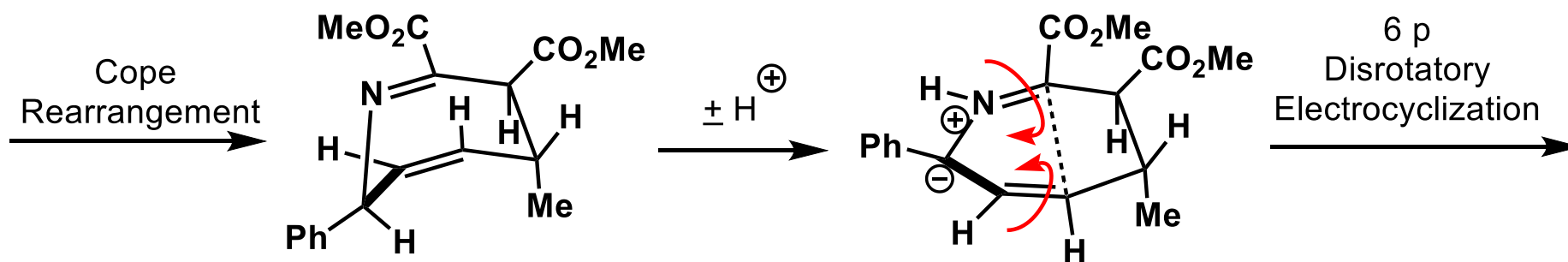
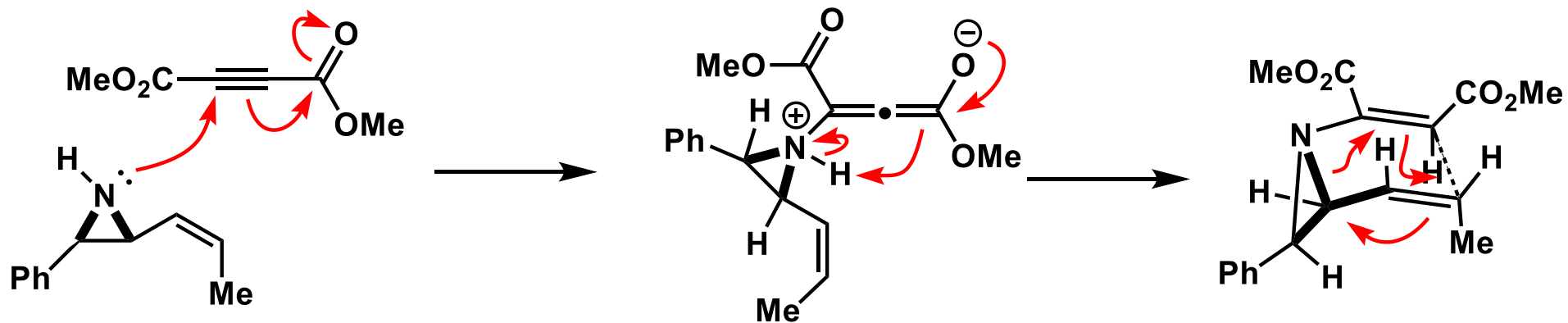


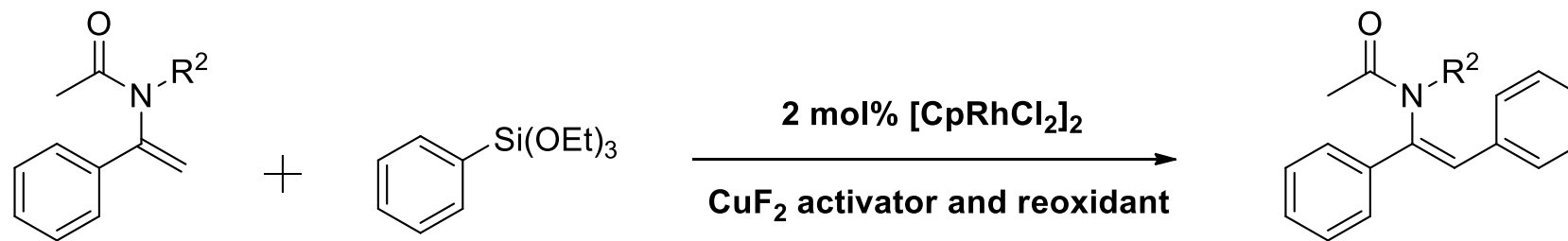
1.



DOI: 10.1021/ol902550q.

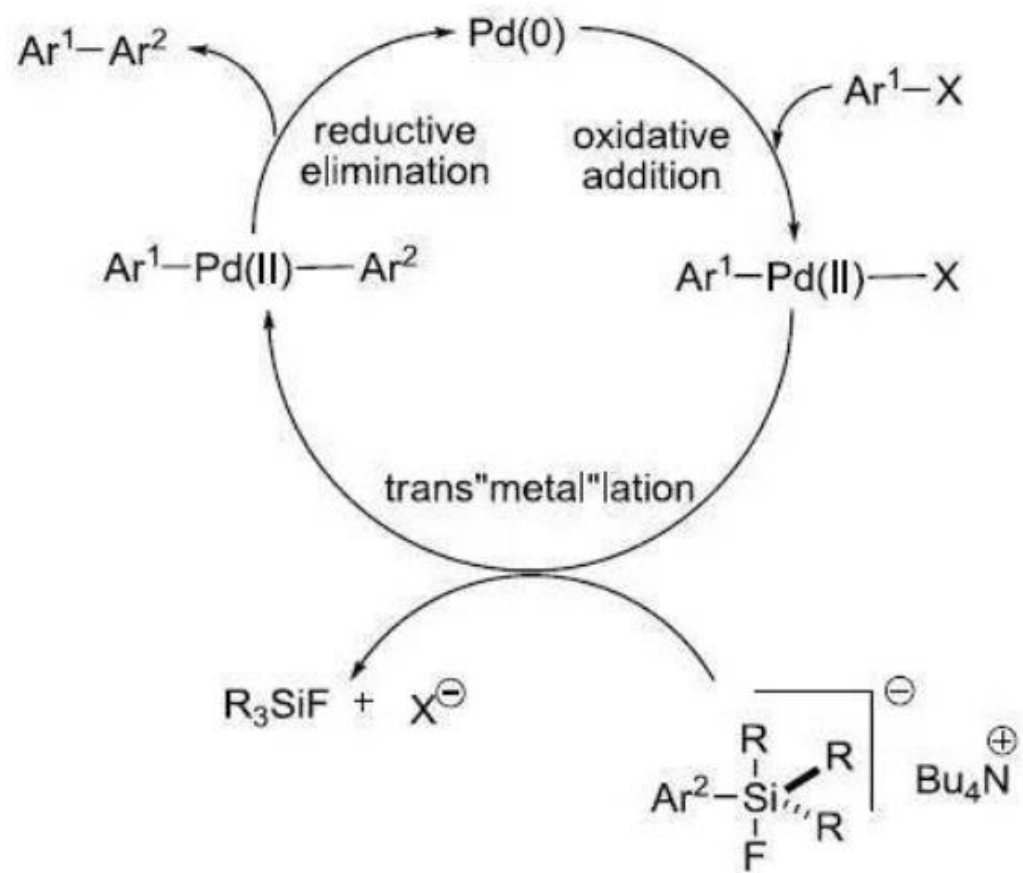
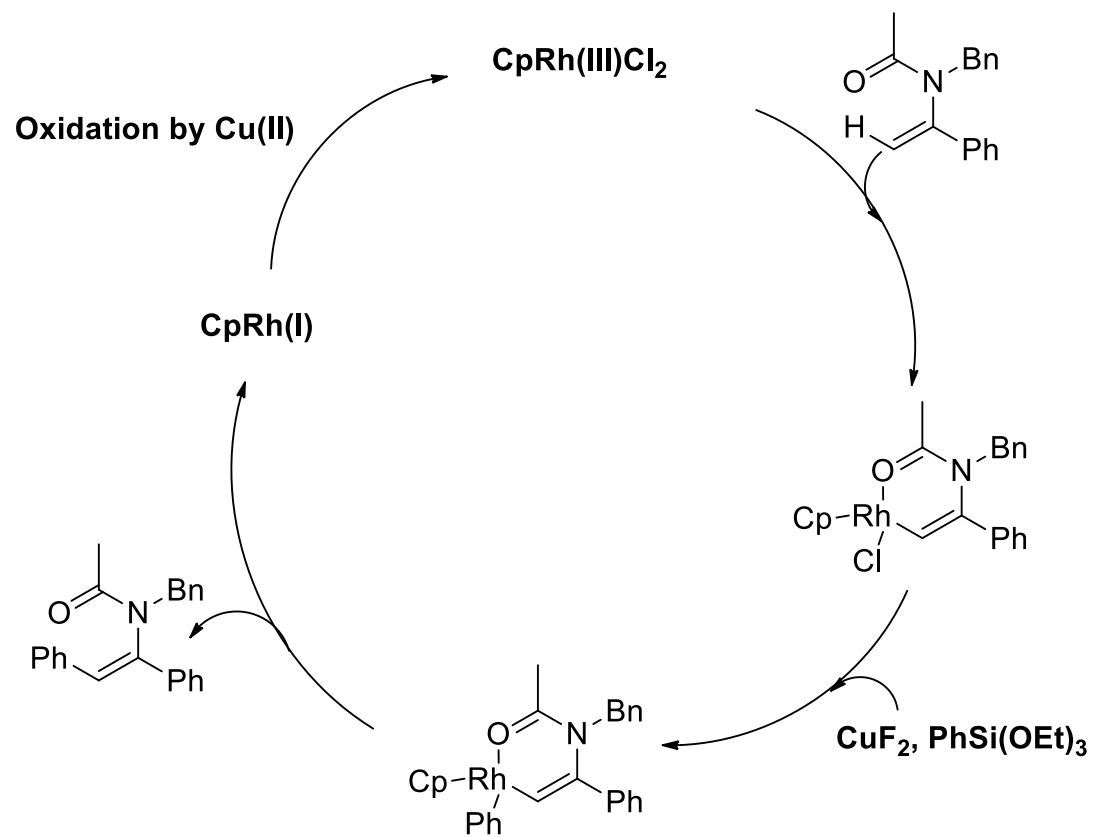


2.



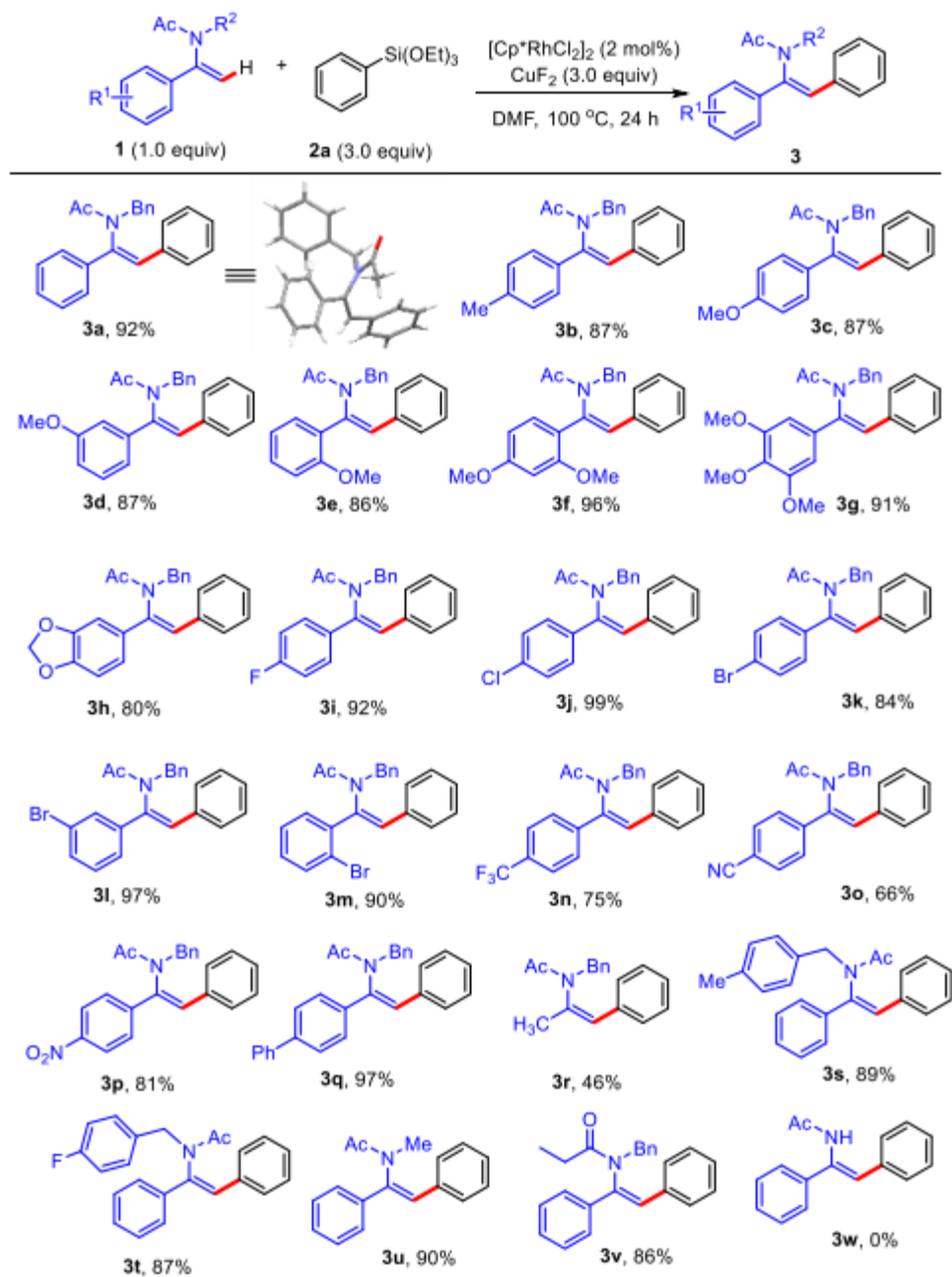
- High efficiency
- High stereoselectivity
- Broad substrate scope
- Good functional group tolerance
- Environmentally friendly arylsilanes

doi.org/10.1021/acs.orglett.0c03578.

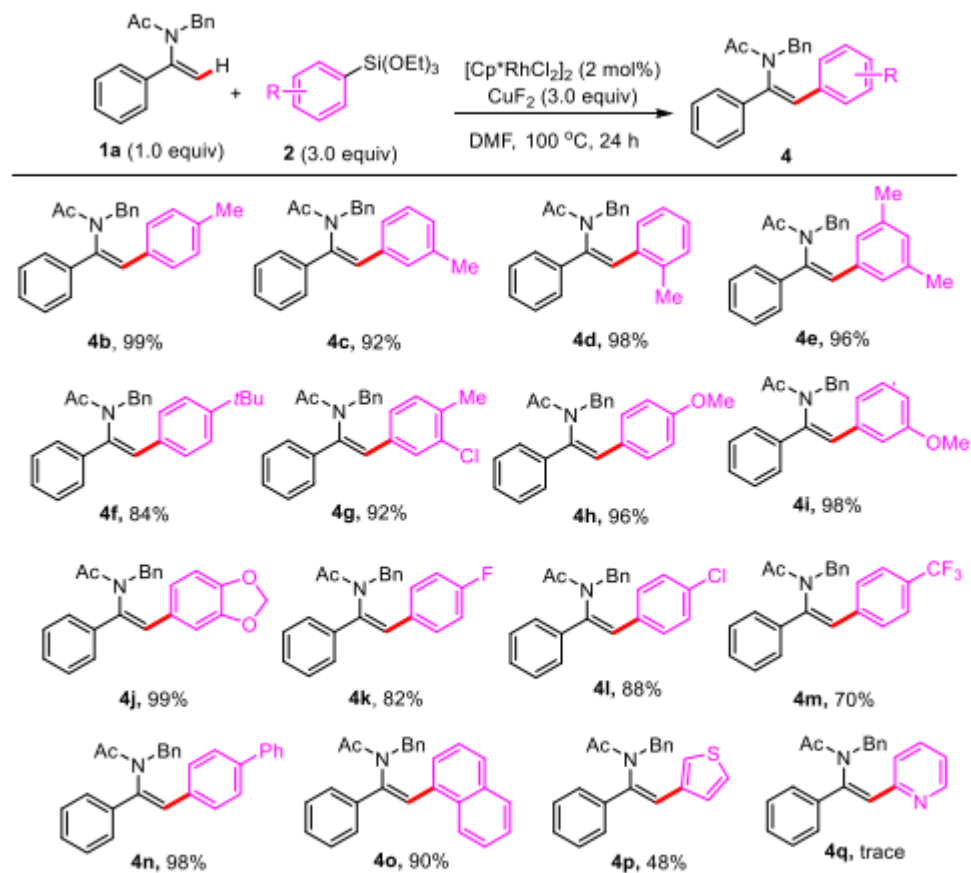


Hiyama (桧山) 交叉偶联反应

Scheme 2. Rhodium(III)-Catalyzed Direct C–H Arylation of Acyclic Enamides **1 with Trimethoxyphenylsilane **2a**^{a,b}**



Scheme 3. Rhodium(III)-Catalyzed Direct C–H Arylation of Acyclic Enamide **1a with Various Arylsilanes **2**^{a,b}**



^aReaction conditions: *N*-benzyl-*N*-(1-phenylvinyl)acetamide **1a** (0.27 mmol), arylsilanes **2** (0.81 mmol, 3.0 equiv), $[\text{Cp}^*\text{RhCl}_2]_2$ (0.0054 mmol, 2 mol %), CuF_2 (0.81 mmol, 3.0 equiv), DMF (2.0 mL), at 100 °C for 24 h. ^bIsolated yields.