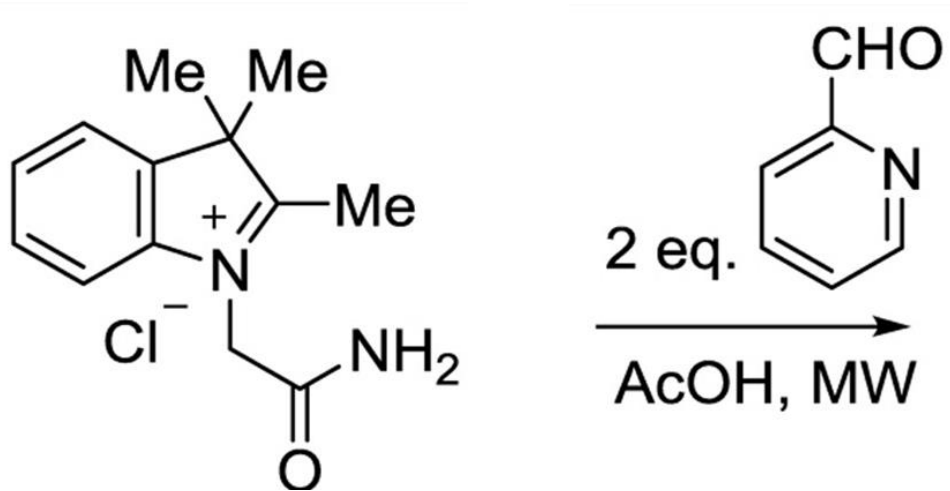


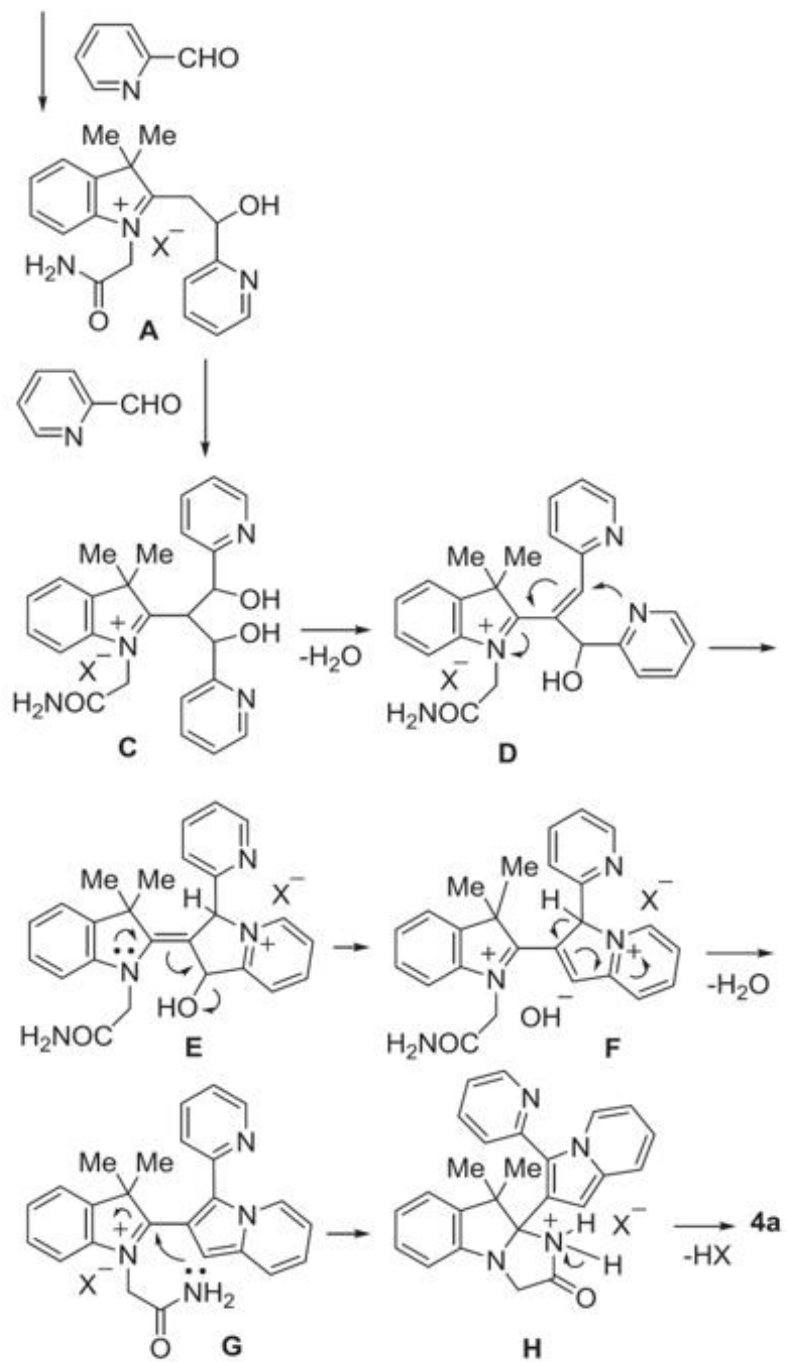
1.



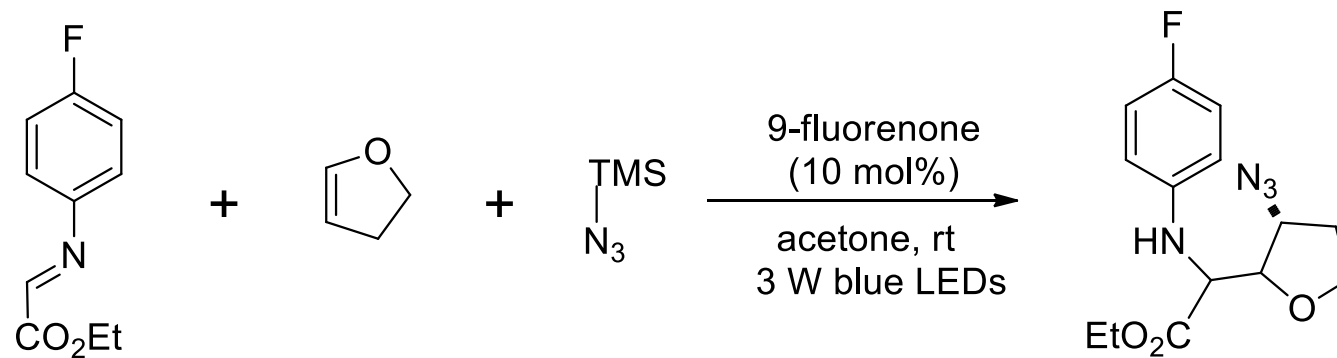
**2a**

**4a**

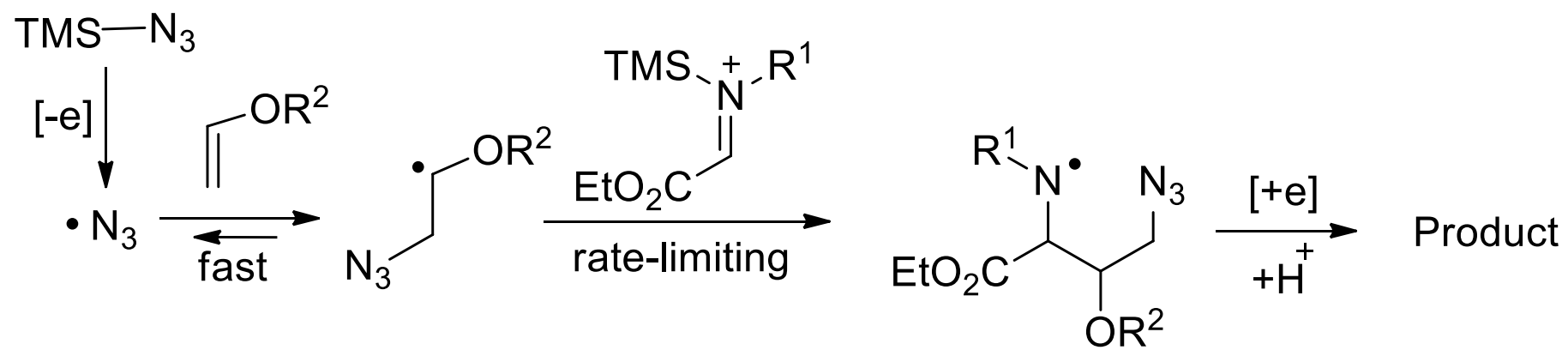
*Tetrahedron*. **2018**, 74, 3679-3690.

**2a**

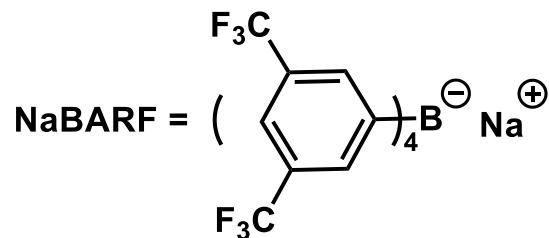
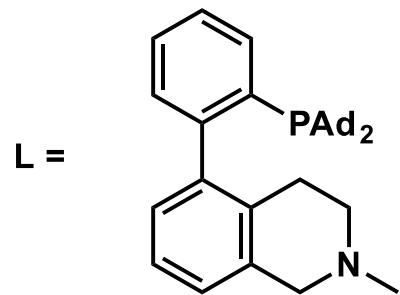
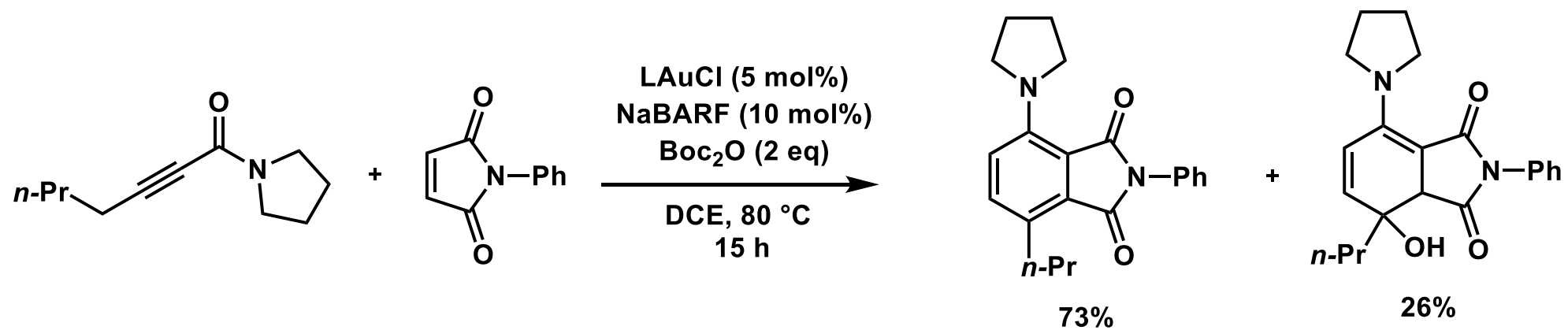
2.



DOI: 10.1021/acs.orglett.9b03238.

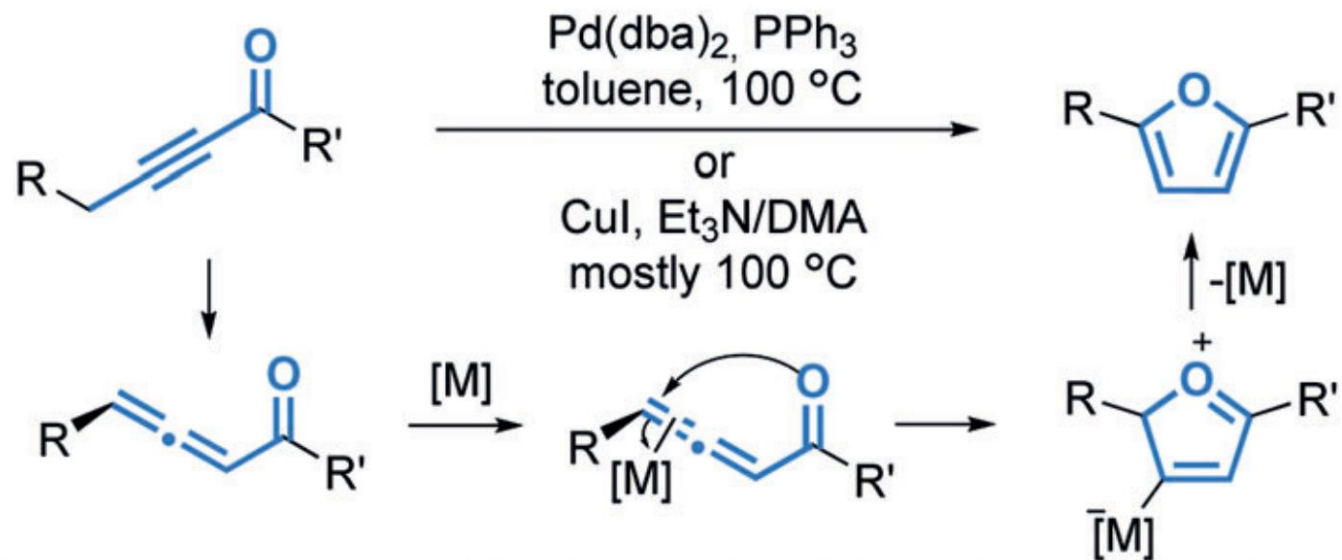


3.

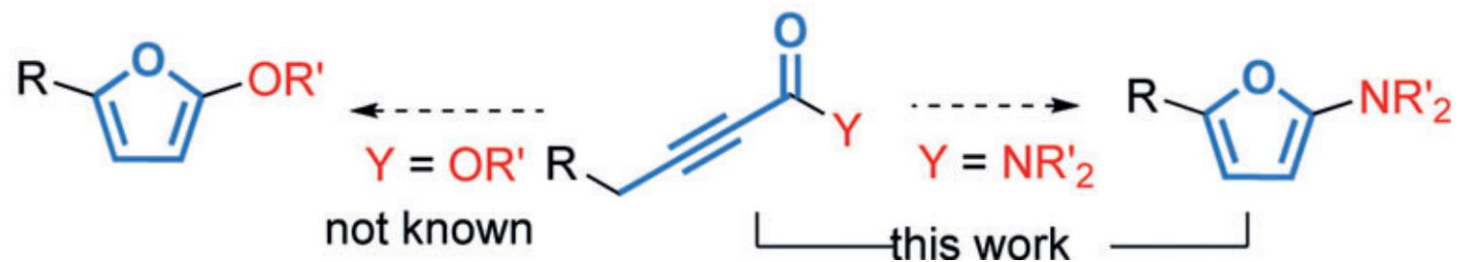


DOI: 10.1002/anie.201908598

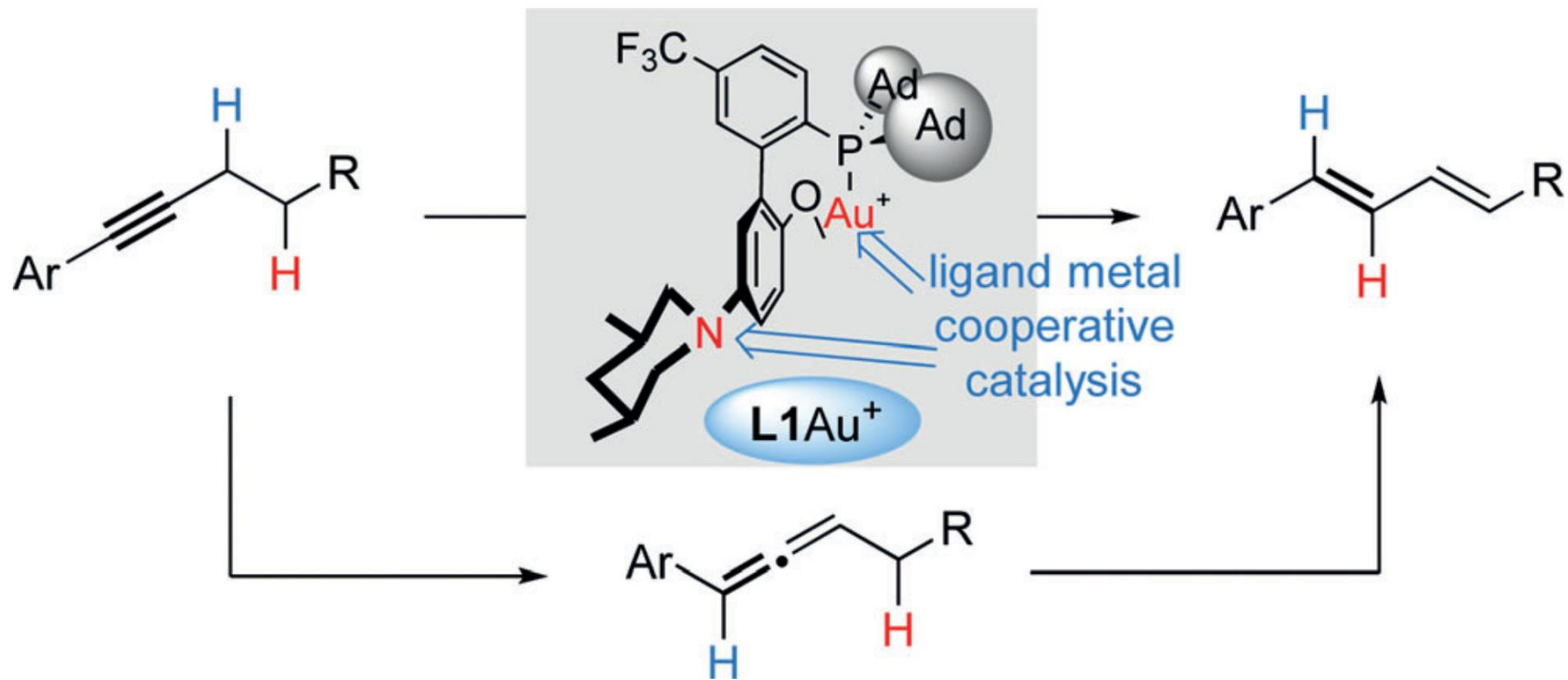
A) Isomerization of acetylenic ketone to furan



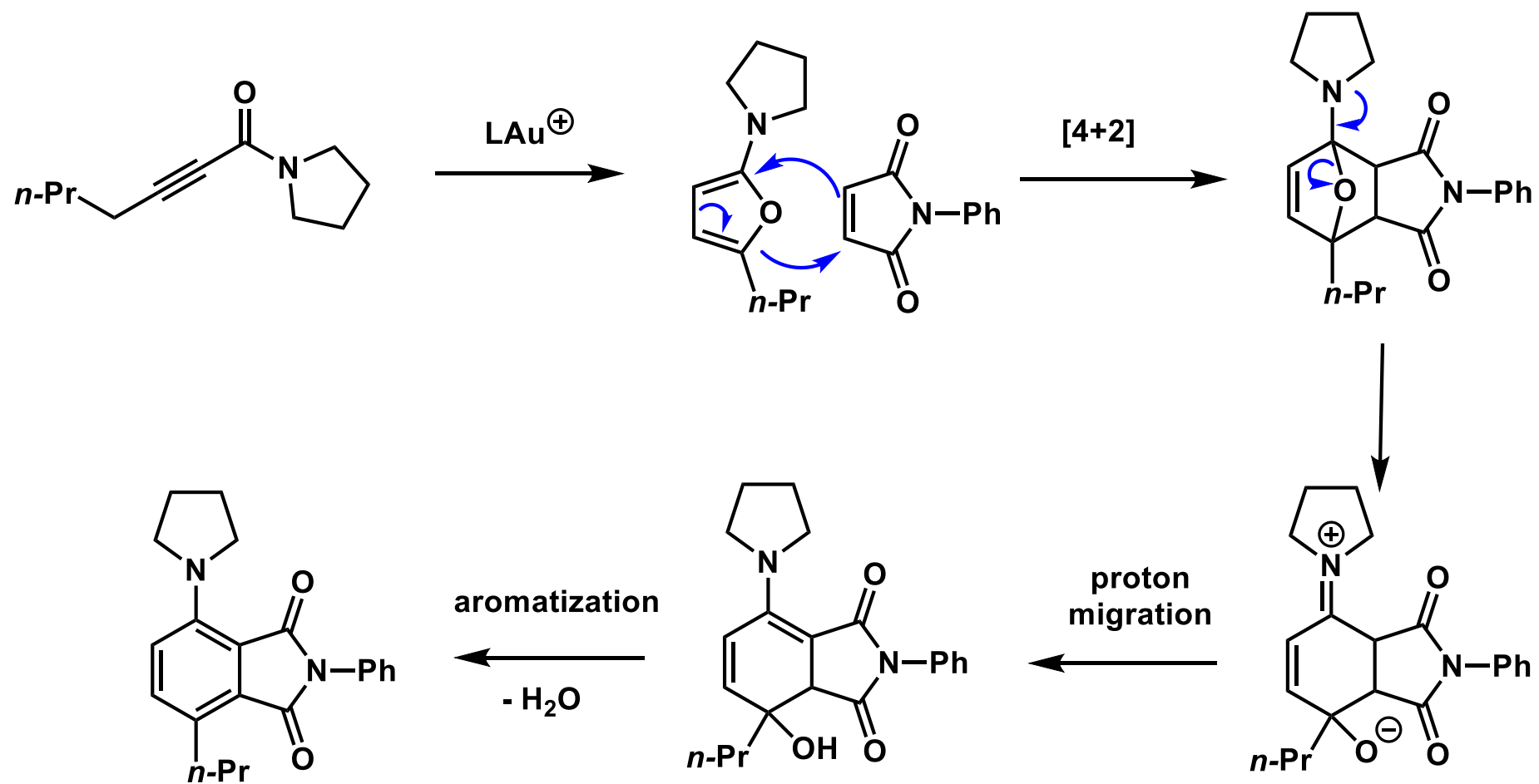
B) Isomerization of acetylenic ester/amide to electron-rich furan



**Scheme 1.** Synthesis of furans by isomerization of acetylenic carbonyl compounds. DMA = *N,N*-dimethylacetamide.

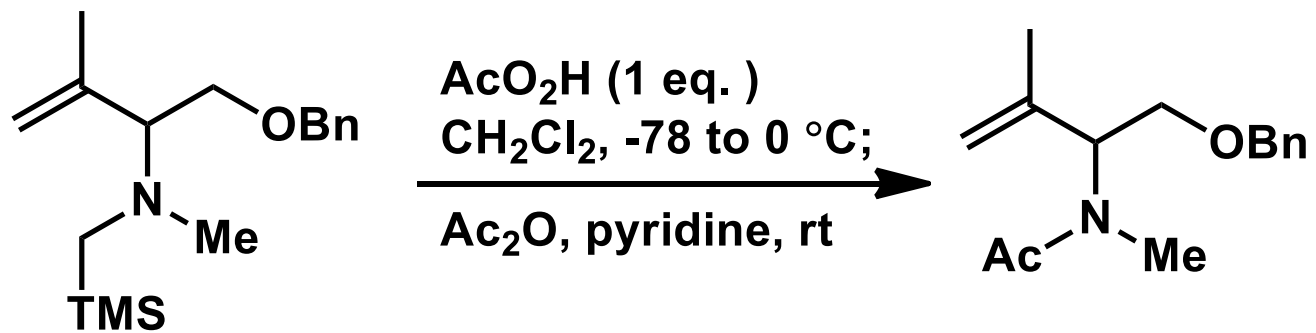


**Scheme 2.** Our prior work on isomerization of alkynes into dienes.

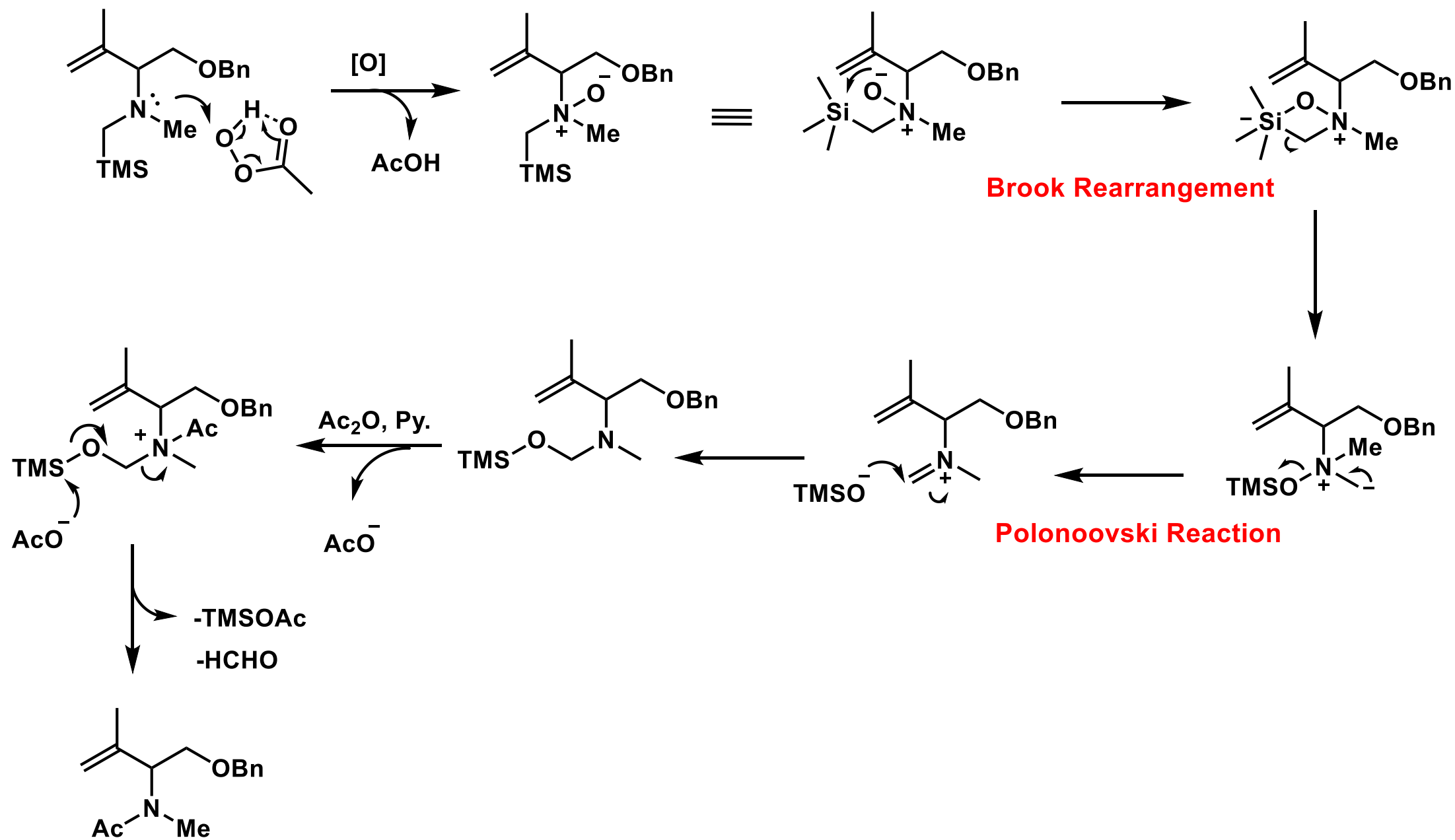




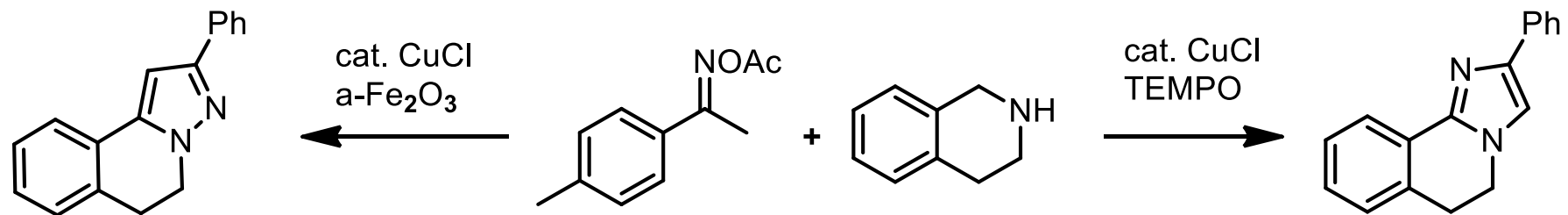
4.



*Chem.Lett.*, 2008, 37, 4, 442



5.



DOI: 10.1021/acs.orglett.9b02978

