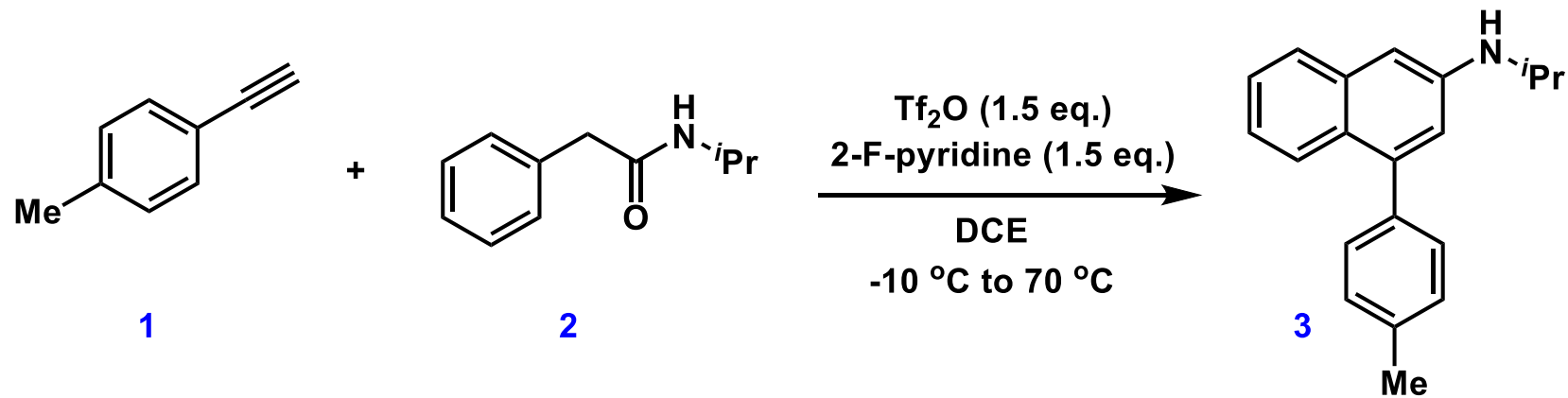
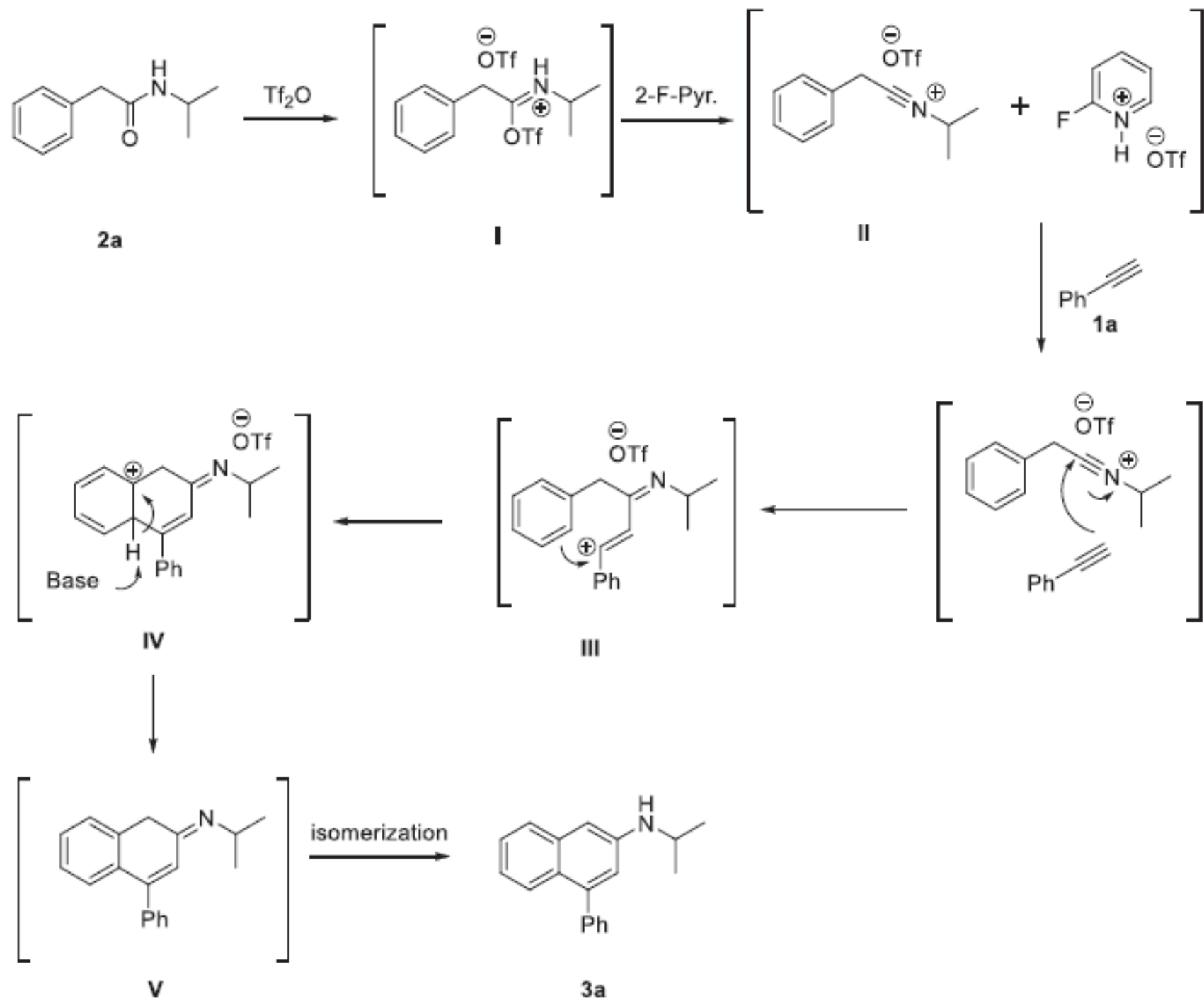


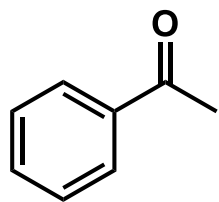
1.



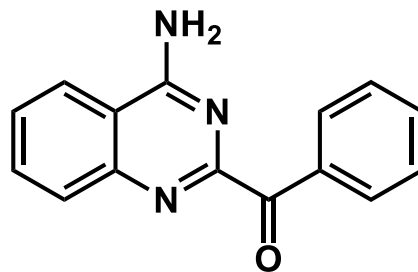
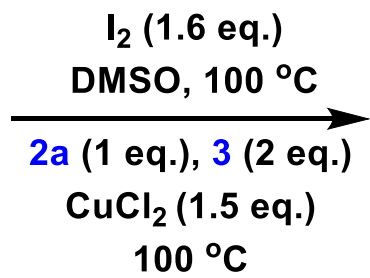
*Tetrahedron Lett.*, **2022**, *95*, 153731.



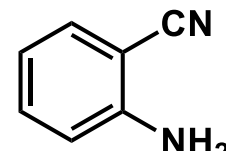
2.



1a



4a

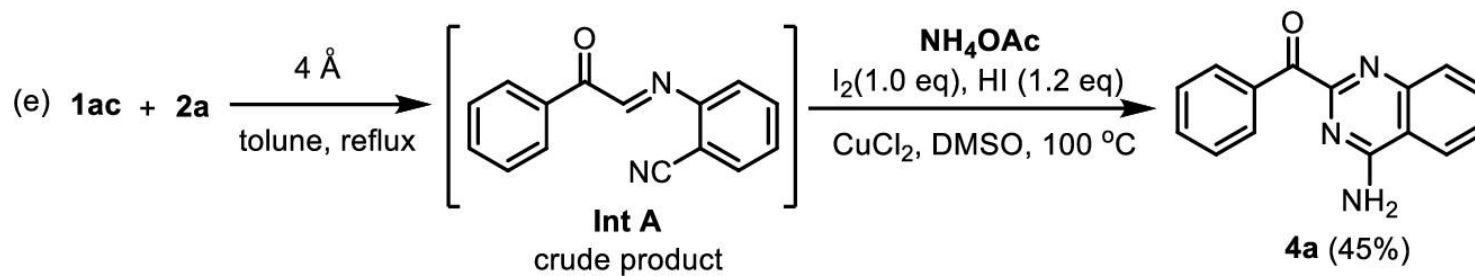
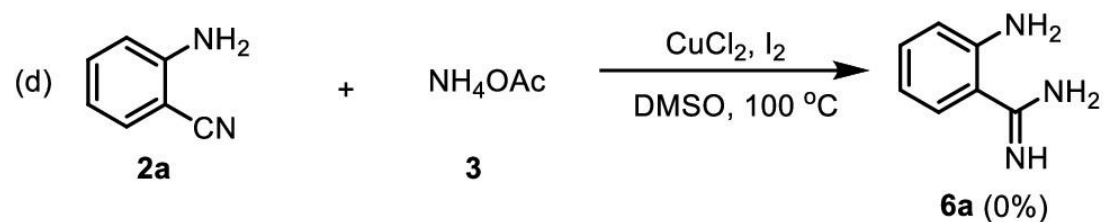
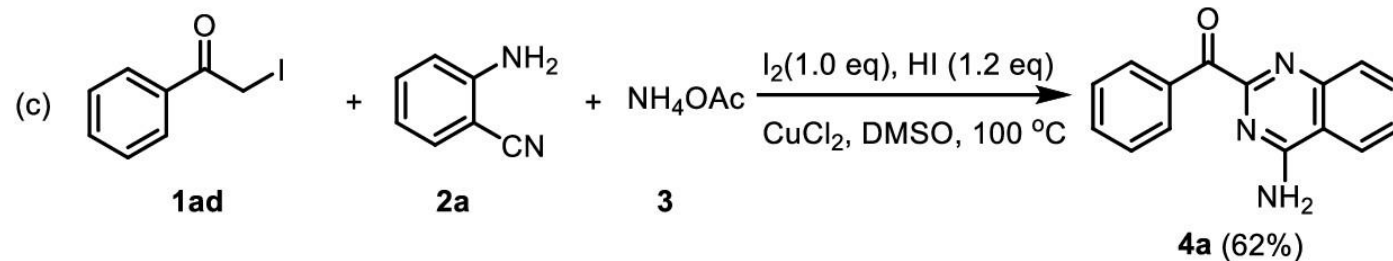
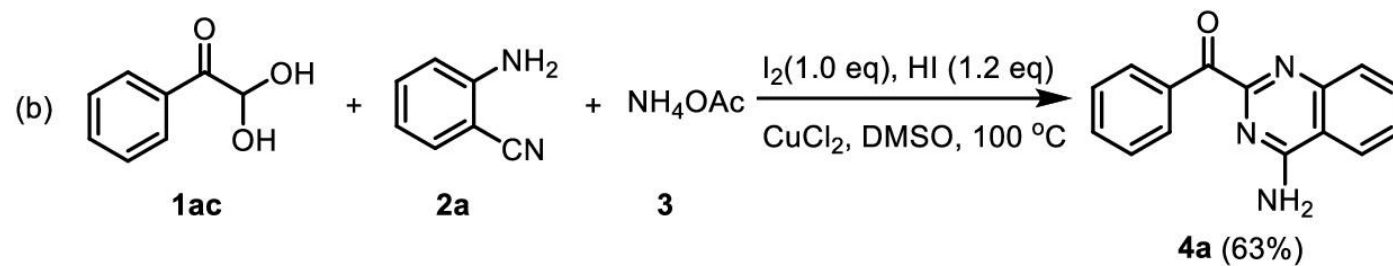
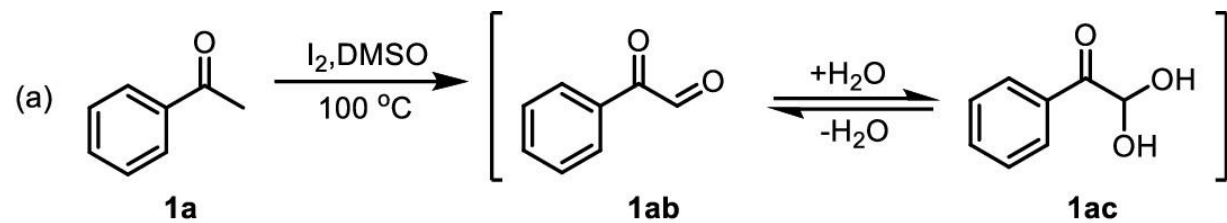


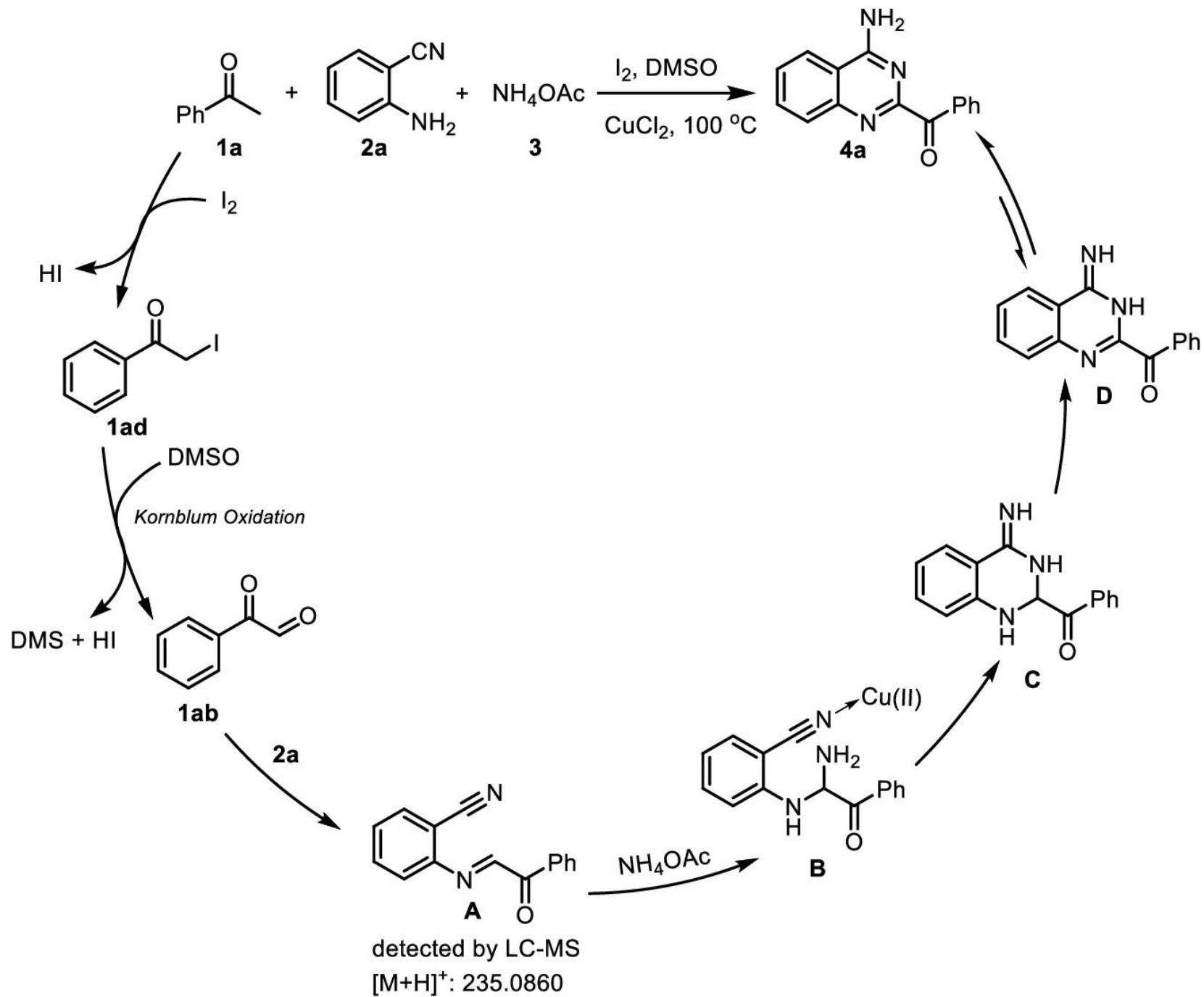
2a

$NH_4OAc$

3

*J. Org. Chem.*, **2021**, 86, 16916.

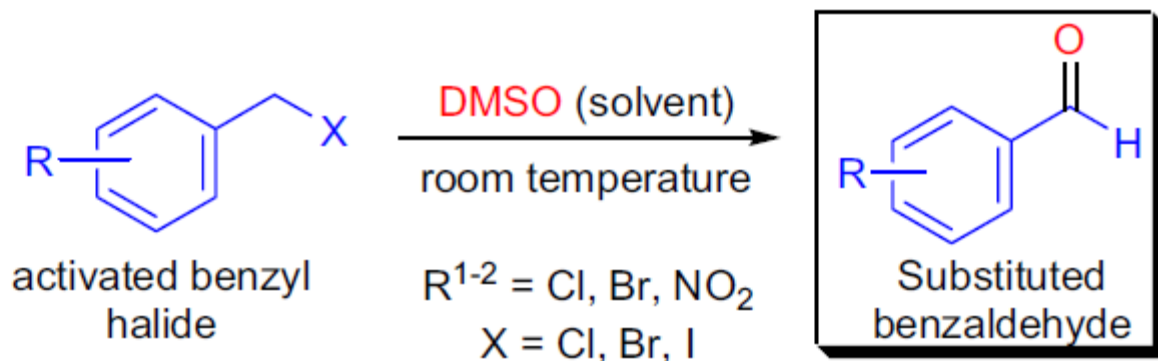
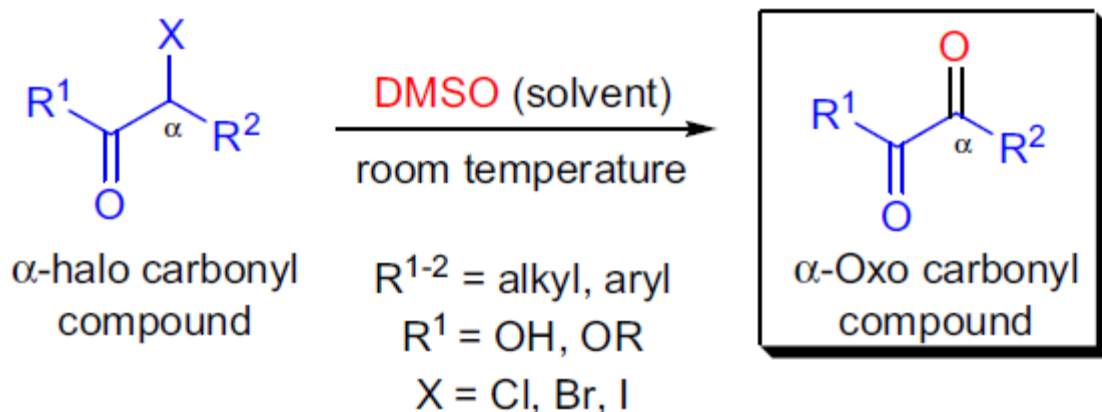




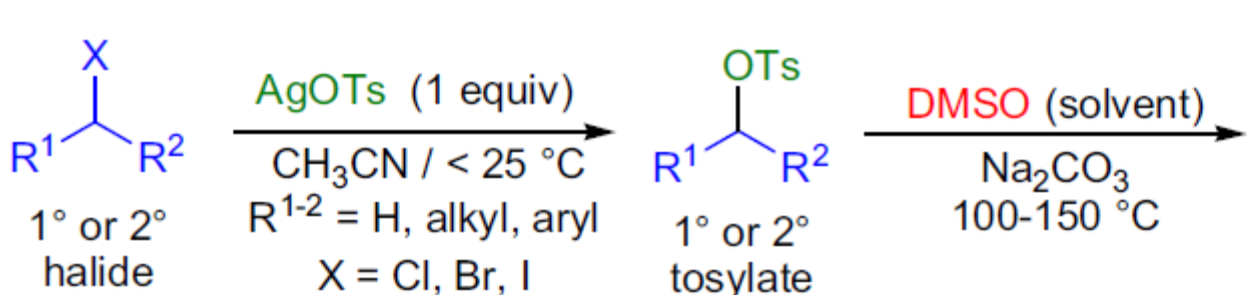
# Kornblum氧化

以DMSO为氧化剂，把卤代烃氧化成醛的反应。

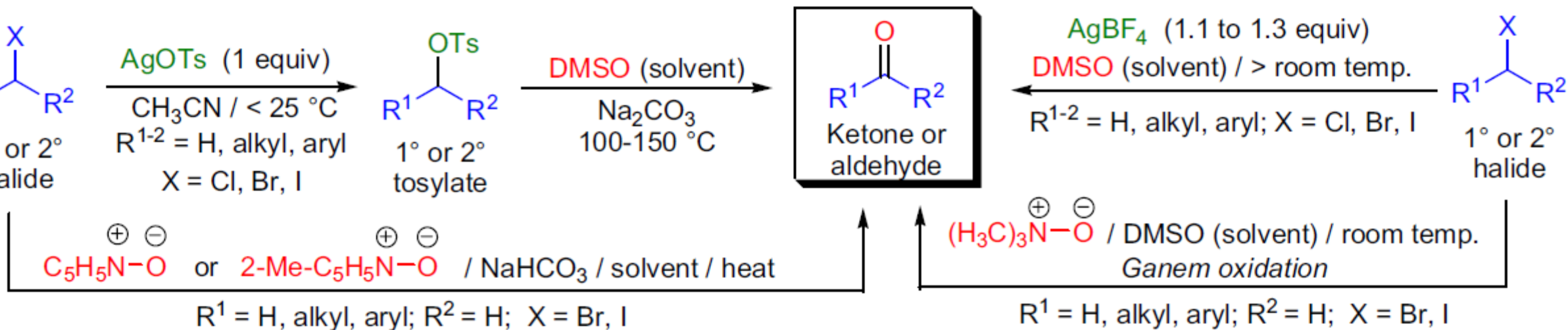
Original procedure (Kornblum, 1957):



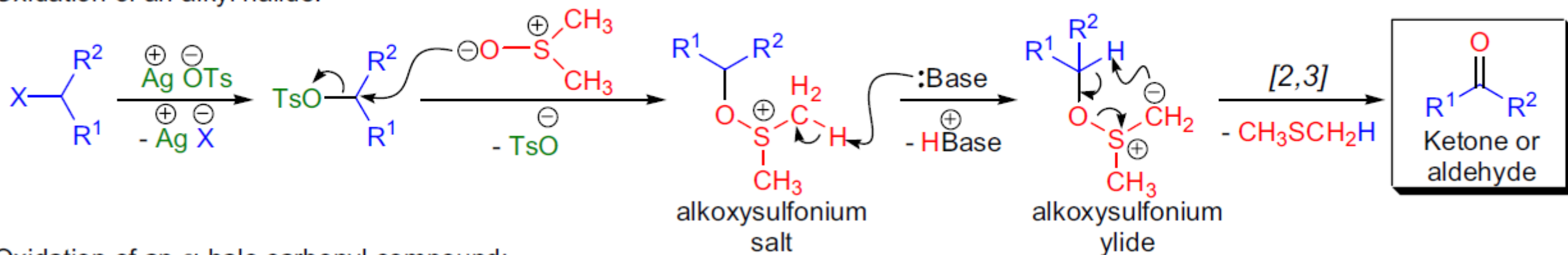
Improved procedure (Kornblum, 1959):



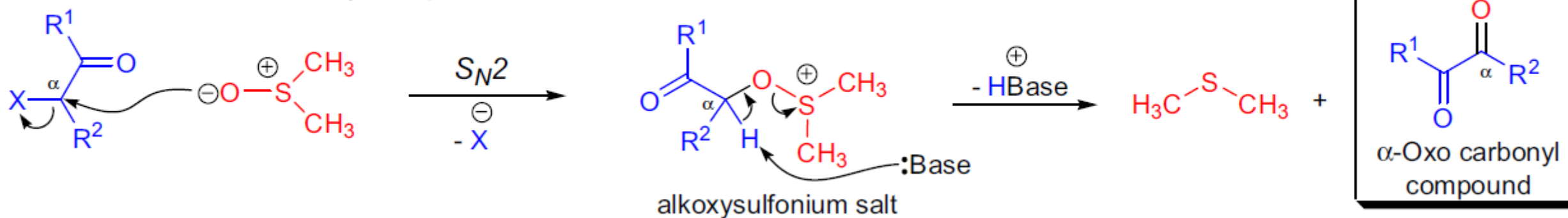
Improved procedure (Ganem, 1974):



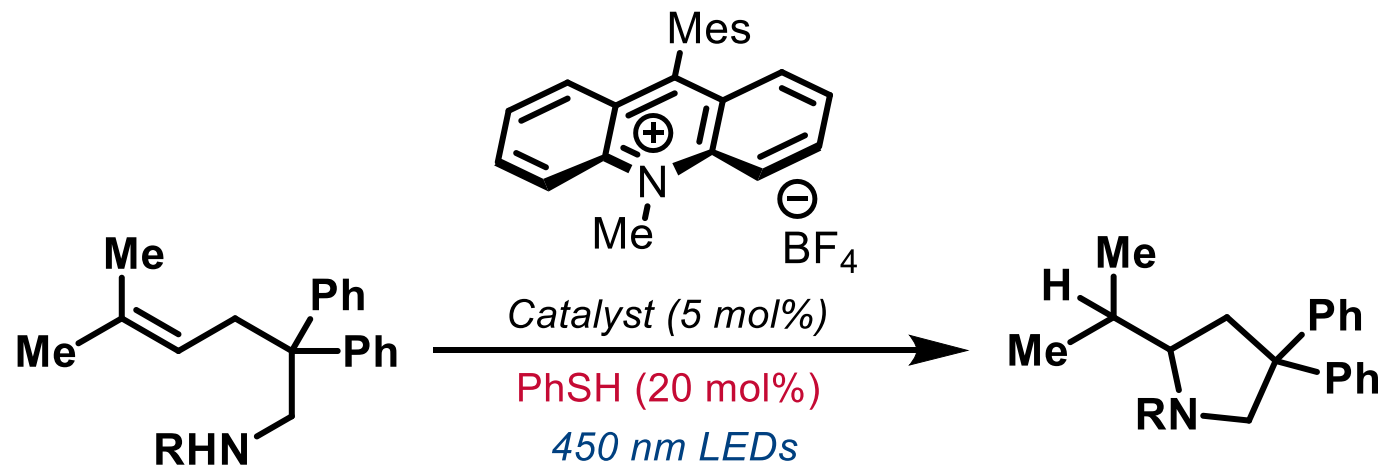
Oxidation of an alkyl halide:



Oxidation of an  $\alpha$ -halo carbonyl compound:

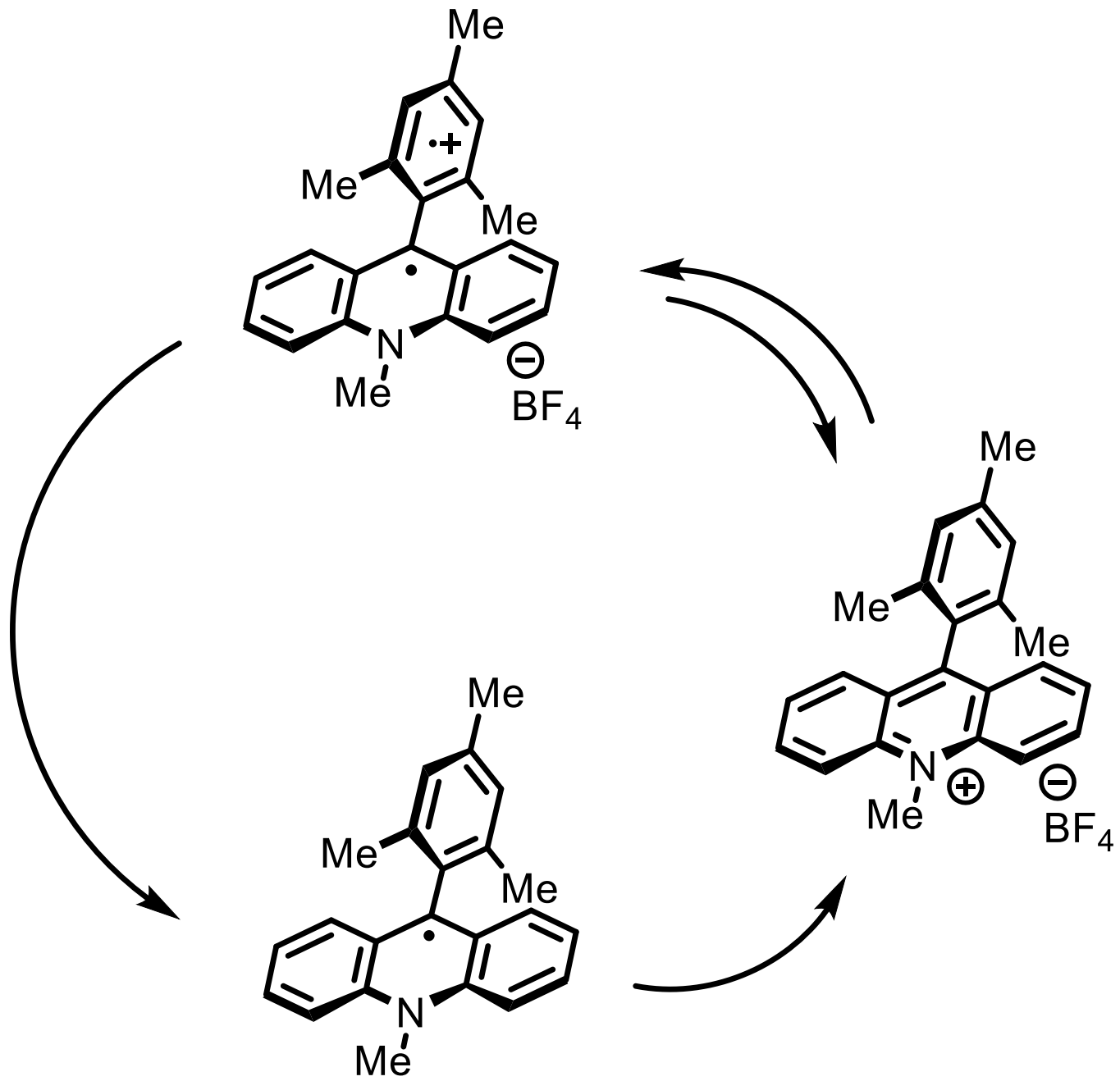


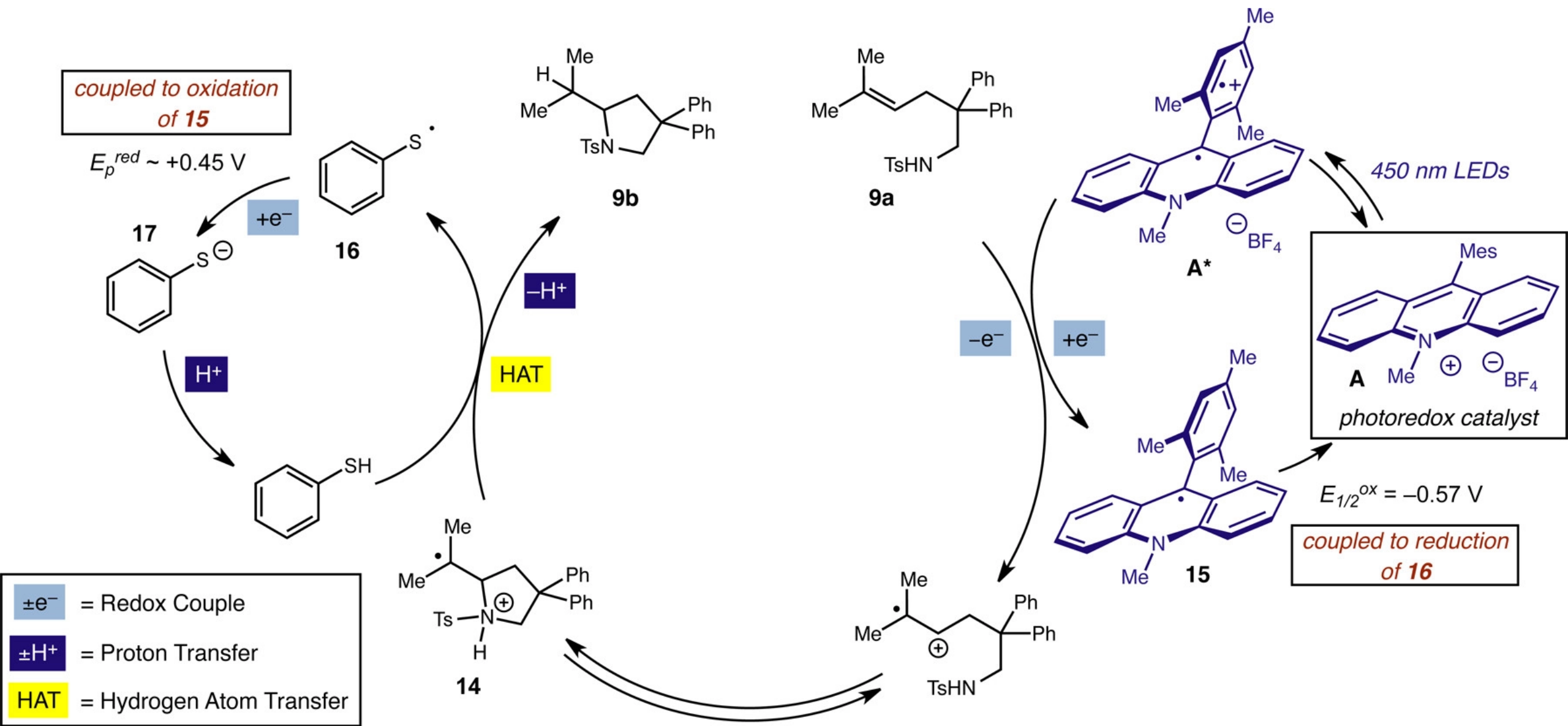
3.



*J. Am. Chem. Soc.*, **2013**, *135*, 9588.

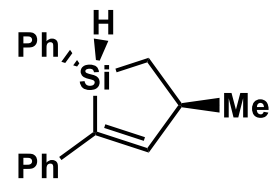
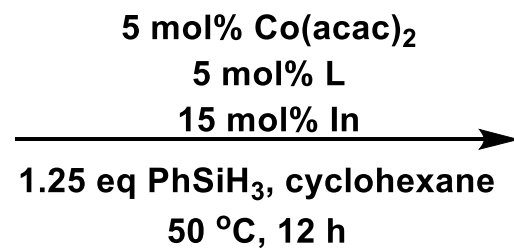
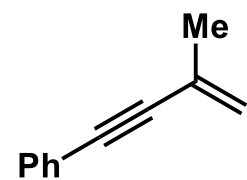






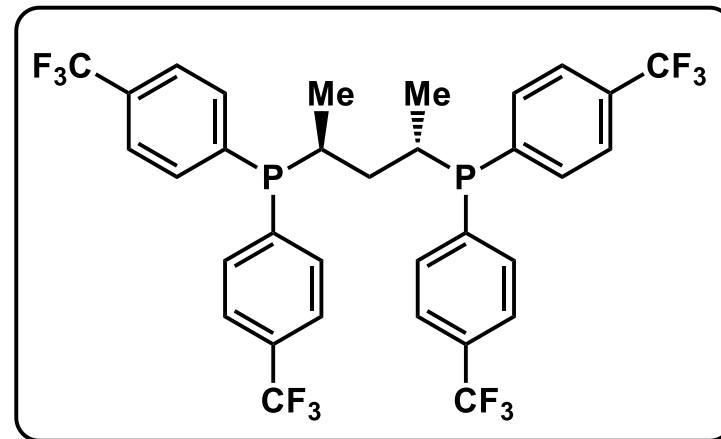


4.



up to 93:7 dr, 82% yield

L\* =



DOI: 10.1021/jacs.2c00288.

