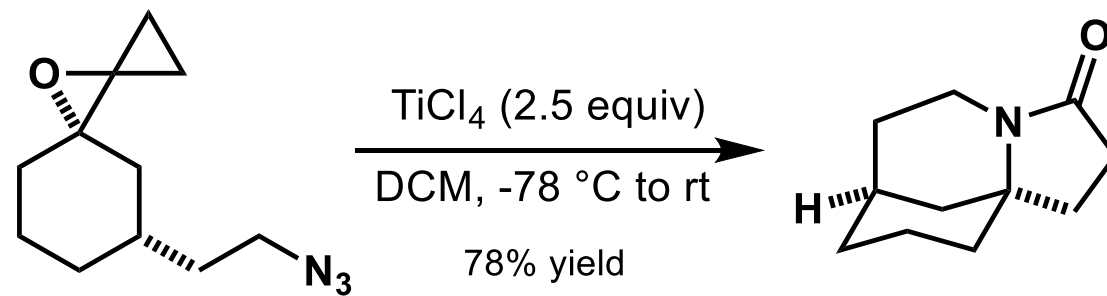
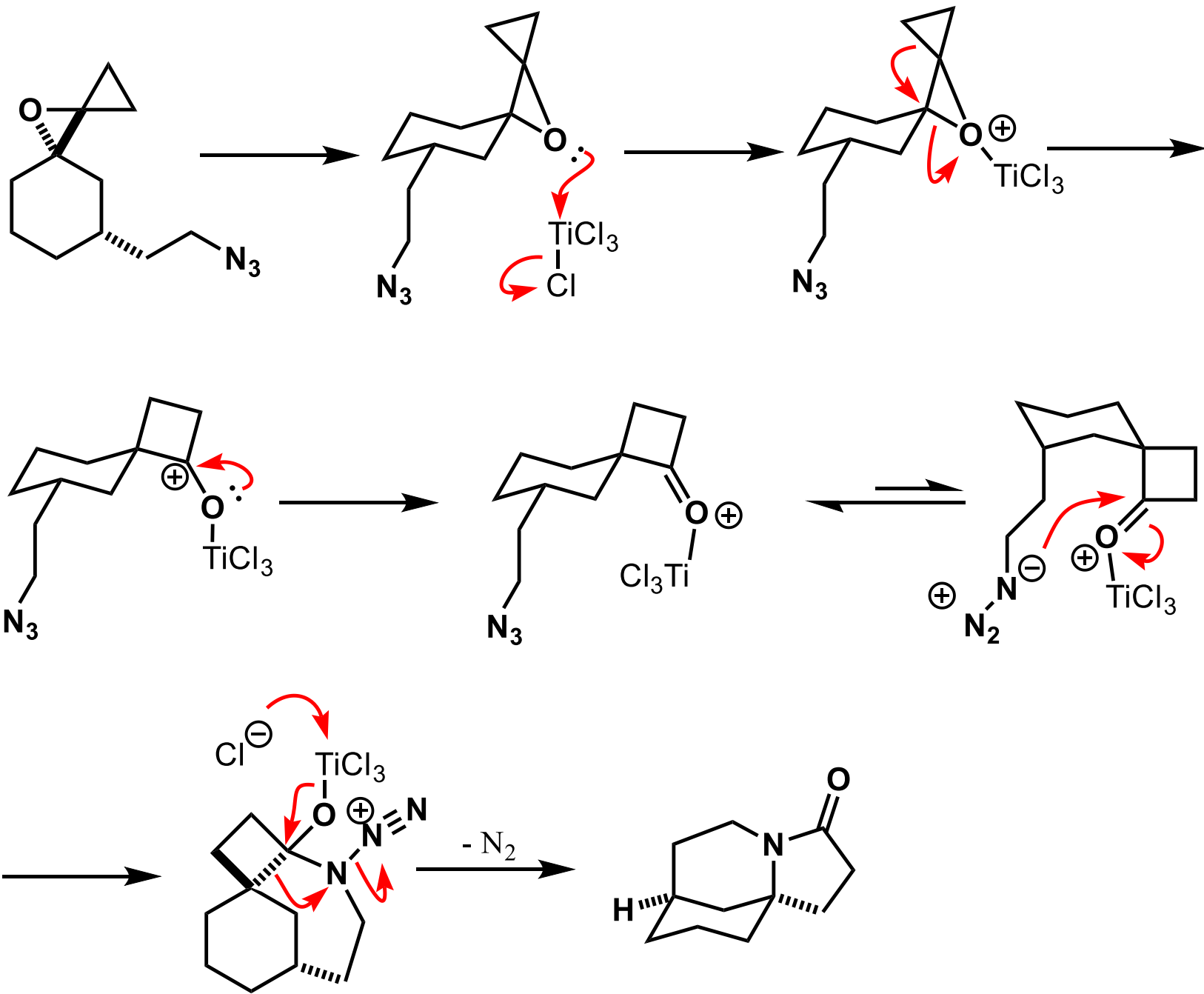


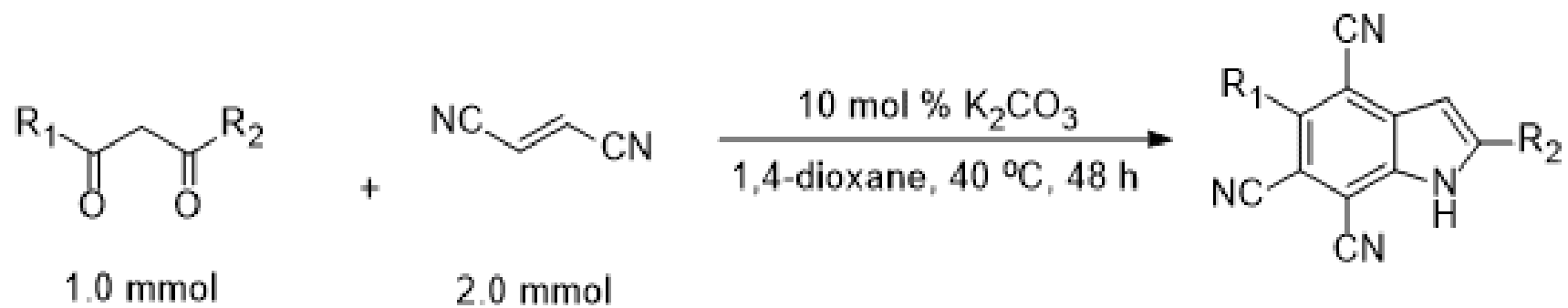
1.



Chem. Commun. **2012**, 48, 5778–5780

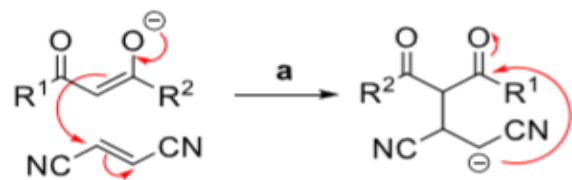


2.



Org. Lett. **2020**, 22, 3268–3272

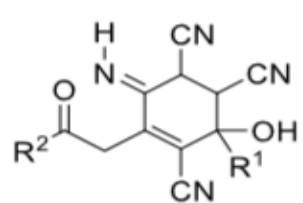
Conjugate Addition Step



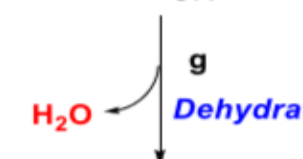
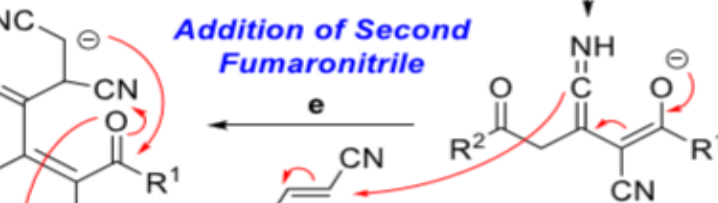
C-C Bond Cleavage Step



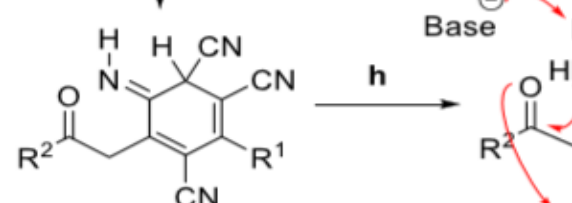
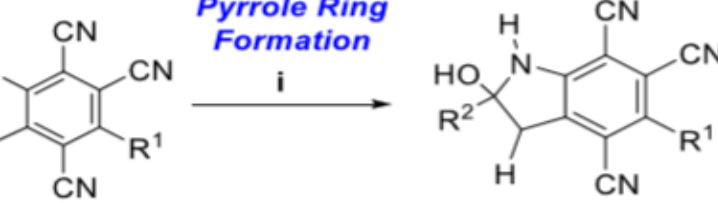
Cyclization: Benzene Ring Formation



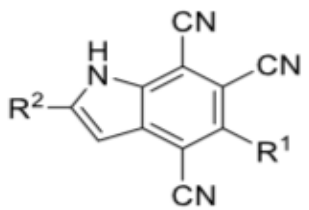
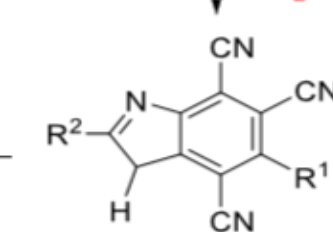
Addition of Second Fumaronitrile



Cyclization: Pyrrole Ring Formation



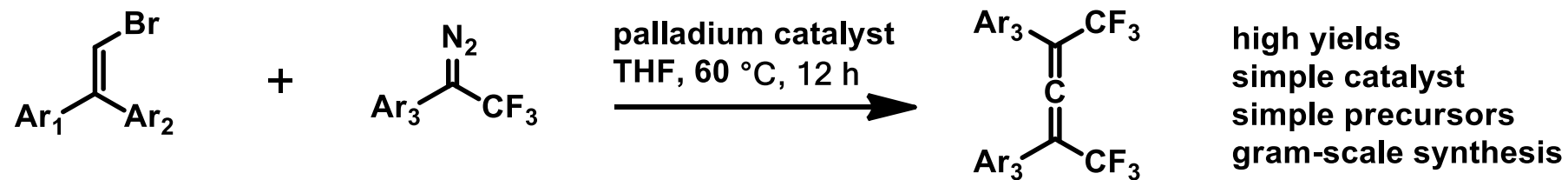
Dehydration



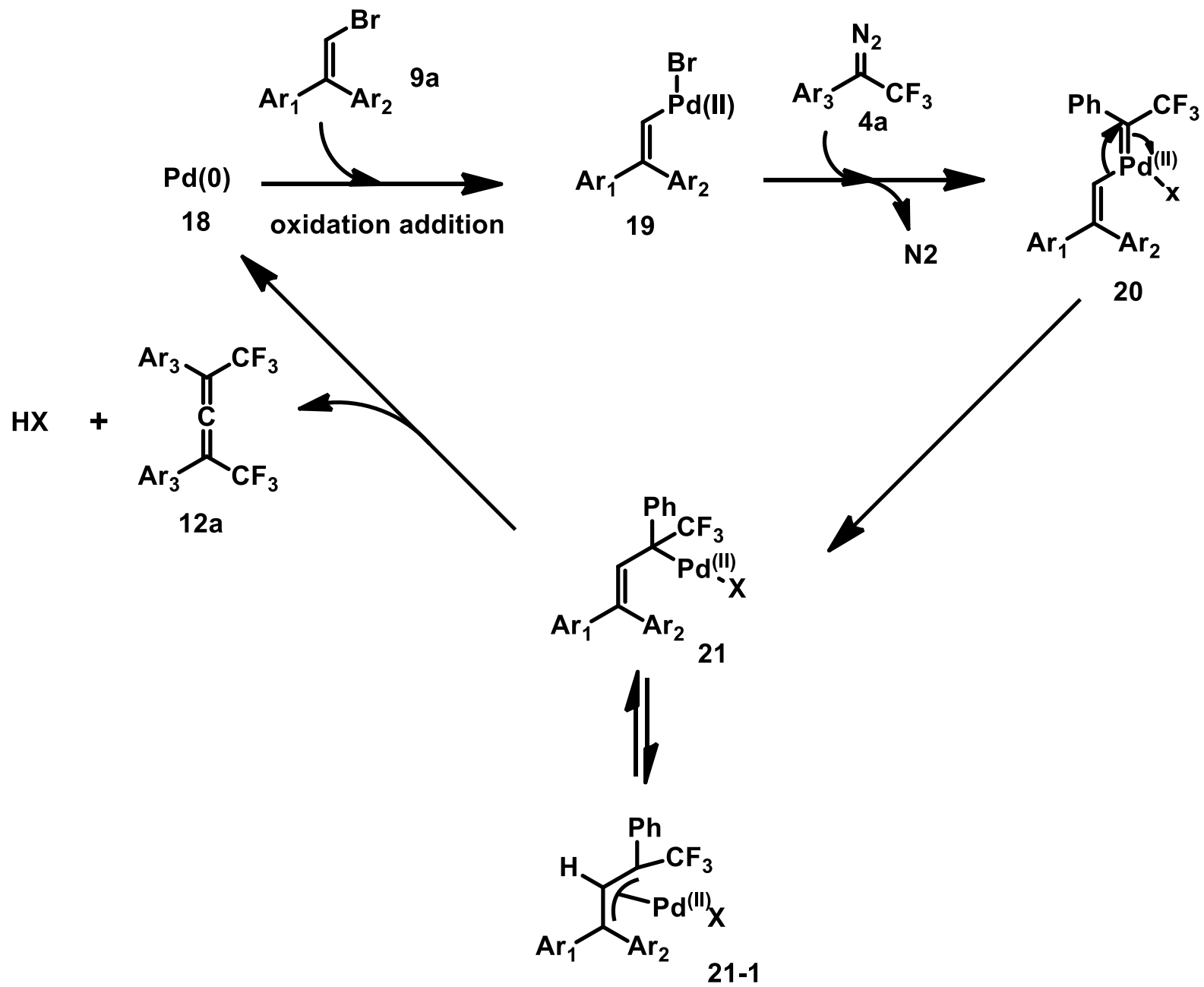
Final Product



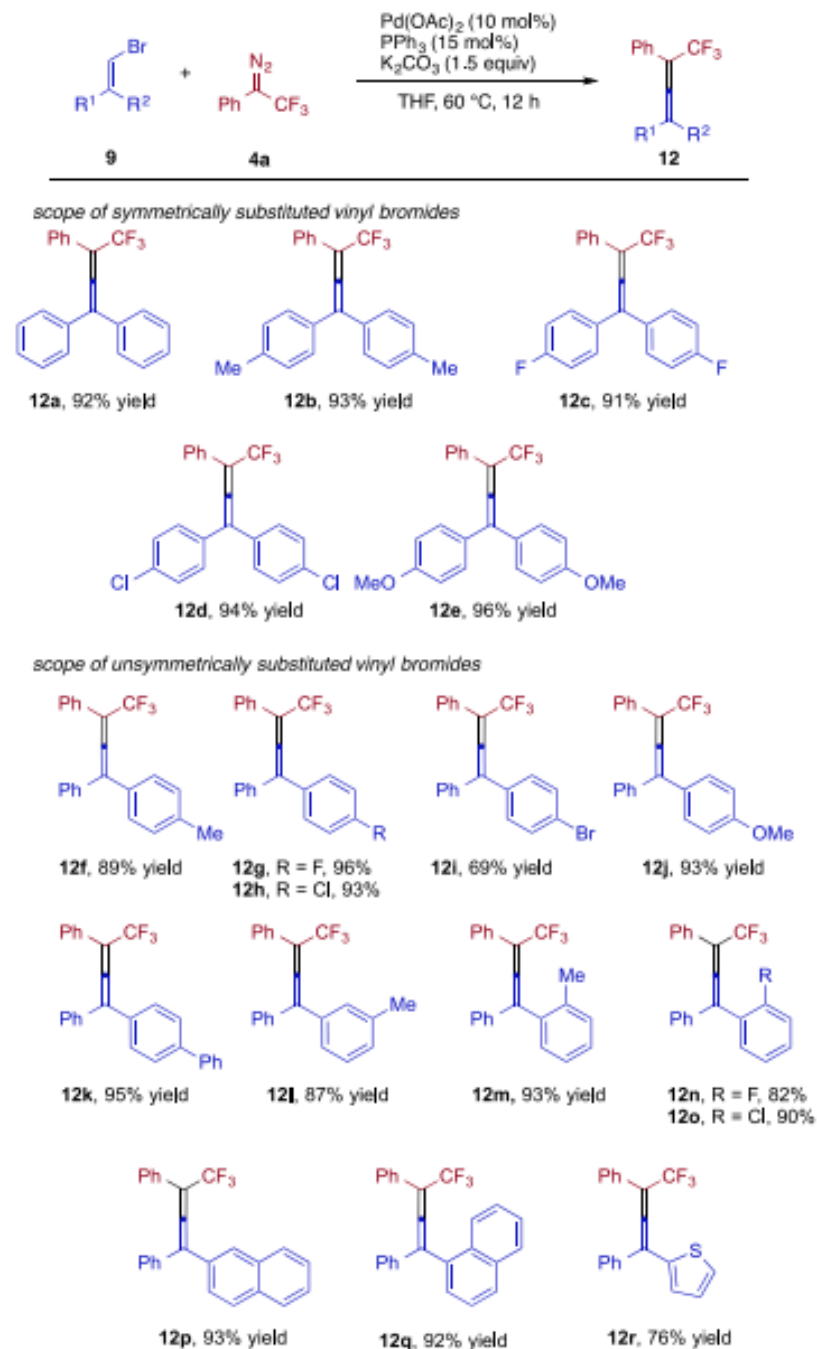
3.



[Doi.org/10.1021/acs.orglett.0c02638.](https://doi.org/10.1021/acs.orglett.0c02638)



Scheme 2. Evaluation of the Substrate Scope



Scheme 4. Limitations and Application on Gram Scale

