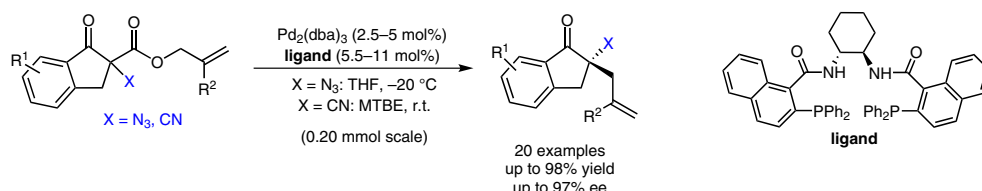
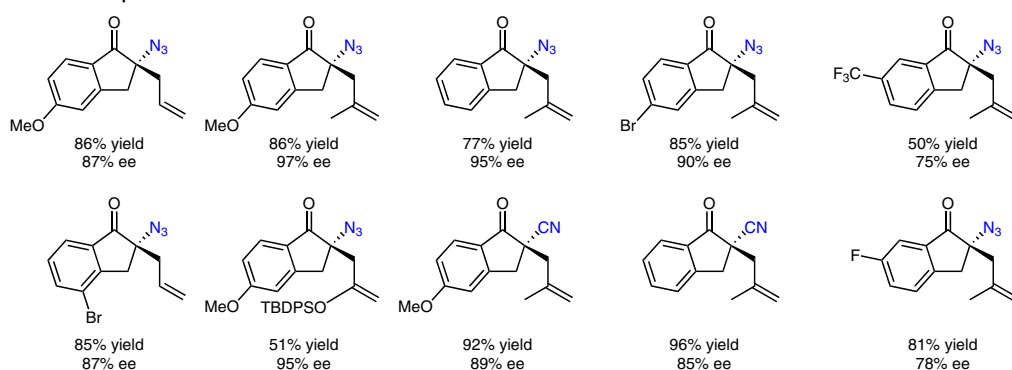


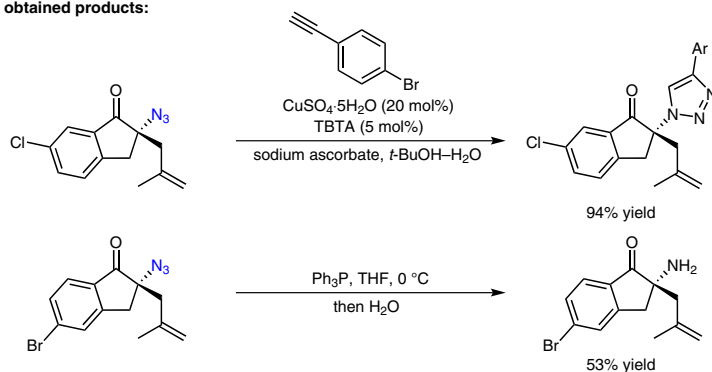
## Azides and Nitriles in Palladium-Catalyzed Decarboxylative Allylation



### Selected examples:



### Modifications of the obtained products:



**Significance:** Homoallylic azides and cyanides are synthesized in enantioenriched form through a palladium-catalyzed decarboxylative allylation on indanones. These functional groups had seen little (CN) to no (N<sub>3</sub>) reported use in the title reaction.

**Comment:** The products are obtained in very good yield and mostly with high enantioselectivity. The starting materials can be synthesized in one step from the corresponding  $\beta$ -keto esters using hypervalent iodine reagents developed in the authors' laboratories.