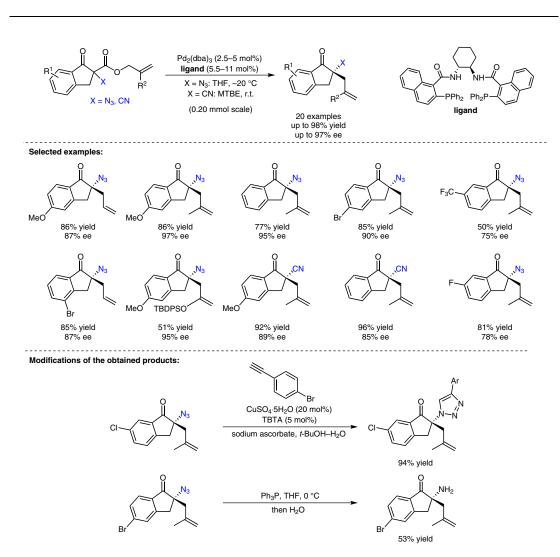
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Enantioselective Synthesis of Homoallylic Azides and Nitriles via Palladium-Catalyzed Decarboxylative Allylation *Org. Lett.* **2015**, *17*, 5832–5835.

Azides and Nitriles in Palladium-Catalyzed Decarboxylative Allylation



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_3) 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 β -keto esters using hypervalent iodine reagents developed in the authors' laboratories.

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Key words

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