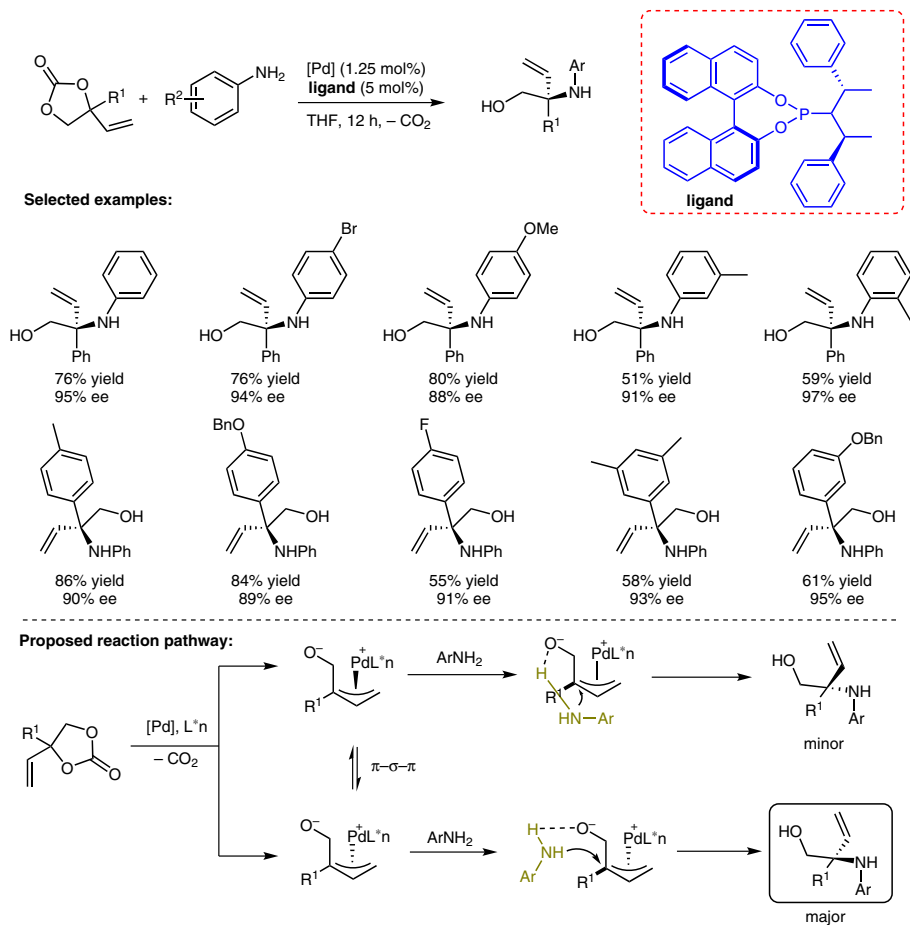


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Palladium-Catalyzed Regio- and Enantioselective Synthesis of Allylic Amines Featuring Tetrasubstituted Tertiary Carbons

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# Palladium-Catalyzed Asymmetric Synthesis of $\alpha,\alpha$ -Disubstituted Allylic *N*-Arylamines



**Significance:** The synthesis of  $\alpha,\alpha$ -disubstituted allylic amines is quite challenging. The authors report a palladium-catalyzed regio- and enantioselective allylic amination of vinyl cyclic carbonates with nonactivated aromatic amines to give the corresponding  $\alpha,\alpha$ -disubstituted allylic *N*-arylamines in good to excellent yields and high enantioselectivities.

**Comment:** The method is very simple and uses readily available starting materials. The amine products can serve as chiral building blocks for natural products and biologically active molecules.

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