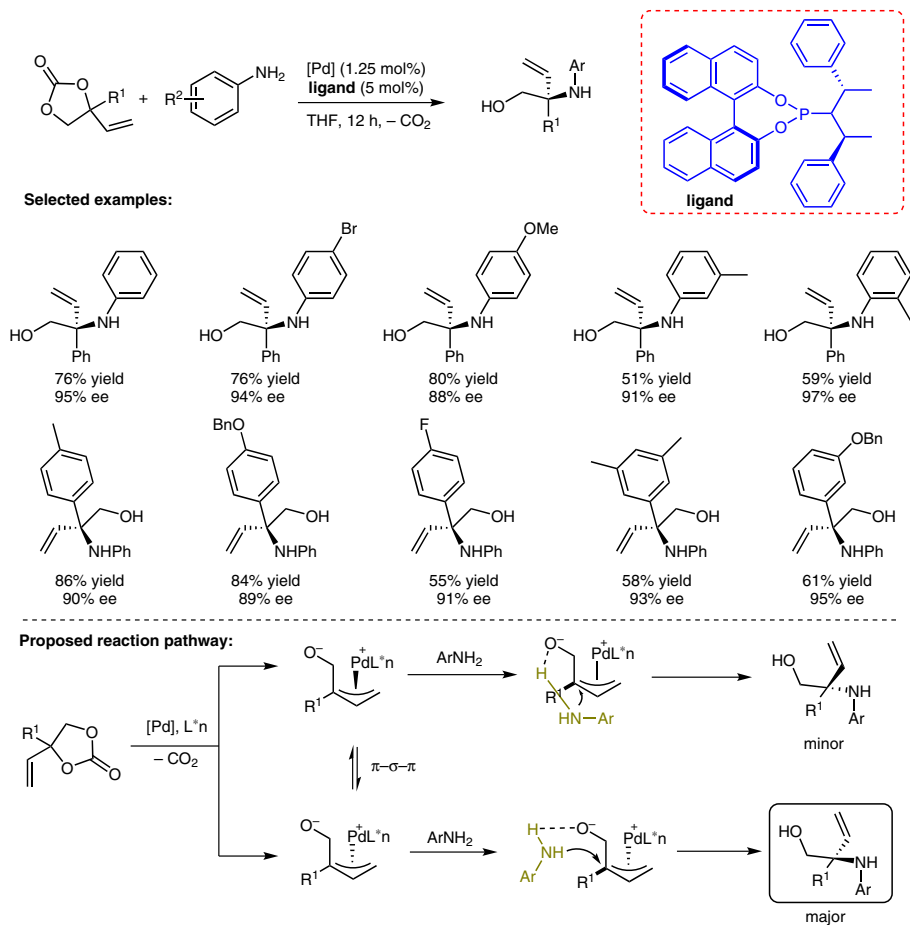


A. CAI, W. GUO,* L. MARTÍNEZ-RODRÍGUEZ, A. W. KLEIJ* (THE BARCELONA INSTITUTE OF SCIENCE AND TECHNOLOGY AND CATALAN INSTITUTE OF RESEARCH AND ADVANCED STUDIES, BARCELONA, SPAIN)

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

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Palladium-Catalyzed Asymmetric Synthesis of α,α -Disubstituted Allylic *N*-Arylamines



Significance: The synthesis of α,α -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 α,α -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.

SYNFACTS Contributors: Hisashi Yamamoto, Amit Banerjee
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