Oxidative Amination of the Zinc Bromide Complex of β-Enamino Esters

Significance: Lee and co-workers report a tandem palladium-catalyzed intramolecular oxidative olefin amination of the zinc bromide complex of α-vinylated β-amino esters to afford various 2,3,4-trisubstituted pyrroles in good yields.

Comment: The synthetic utility of this efficient and atom-economic procedure is shown by the synthesis of pyrrolophenanthrenes and pyranopyrrolones through selective palladium- and copper-catalyzed C–C and C–O bond-forming reactions.

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Synfacts 2015, 11(1), 0083 Published online: 15.12.2014
DOI: 10.1055/s-0034-1379650; Reg-No.: P15514SF