Palladium/Copper-Catalyzed Synthesis of α-Alkenyl α-Amino Acids from 2-Fluoro-1,3-dienes

**Significance:** α-Alkenyl α-amino acids have attracted significant attention because of their potential bioactivities. The authors have developed synergistic Pd- and Cu-catalyzed enantioselective alkylation of 2-fluoro-1,3-dienes with aldimine esters to afford α-alkenyl α-amino acids.

**Comment:** The enantioselective C(sp²)–F bond alkylation of 2-fluoro-1,3-dienes with aldimine esters proceeded smoothly through Pd/Cu catalysis to afford the corresponding α-alkenyl α-amino acids in high yields and excellent enantiopurities. Moreover, the products could be subjected to further transformations, such as cyclization.