

ABSTRACTS

30: János Balogh, Rita Skoda-Földes, Katarina Vazdar, Ivan Habuš, Synthesis of new steroid- β -lactam hybrids *via* palladium-catalyzed aminocarbonylation, *J. Organomet. Chem.*, 703, (2012) 51-55

Steroid- β -lactam and steroid- β -lactam-ferrocene conjugates were synthesized *via* palladium-catalyzed carbonylation of steroidal 17-iodo-16-enes in the presence of 3-amino-azetidin-2-ones. β -Lactam derivatives have been used for the first time as nucleophiles in the aminocarbonylation reaction. The products were obtained in good yields and were characterized by ^1H - and ^{13}C NMR, IR and HRMS.