Suzuki–Miyaura Coupling through C–CN Bond Cleavage

Significance: A Ni-catalyzed Suzuki–Miyaura coupling is reported proceeding through C–CN bond cleavage. Variously functionalized aryl nitriles could be efficiently arylated.

Comment: The reaction tolerates ester and amide functionalities. It was used in the sequential arylation of 3-chloro-5-methoxybenzonitrile leading to unsymmetrically substituted triarylated benzene.