Negishi Cross-Coupling Using Aryl Ethers as Coupling Partners

**Significance:** The first nickel-catalyzed cross-coupling of aryl ethers with aromatic zincates via C–O bond cleavage is described. The corresponding biaryls are obtained in moderate to good yields. Electron-rich coupling partners furnish higher product yields than reagents containing electron-withdrawing groups.

**Comment:** It is noteworthy that, besides the methoxy moiety, this methodology may be extended to ethyl and isopropyl ethers as well. Furthermore, this protocol allows an facile conversion of chiral substrates into the corresponding biaryls without racemization.