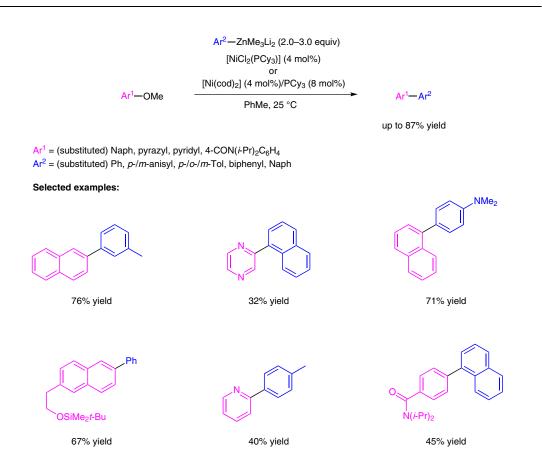
C. WANG,\* T. OZAKI, R. TAKITA, M. UCHIYAMA\* (RIKEN, ADVANCED SCIENCE INSTITUTE, SAITAMA AND THE UNIVERSITY OF TOKYO, JAPAN)

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## 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 a facile conversion of chiral substrates into the corresponding biaryls without racemization.

 SYNFACTS Contributors: Paul Knochel, Nadja M. Barl

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Metal-Mediated Synthesis

## Key words

zinc

nickel

aryl ethers

C-O activation

cross-coupling

