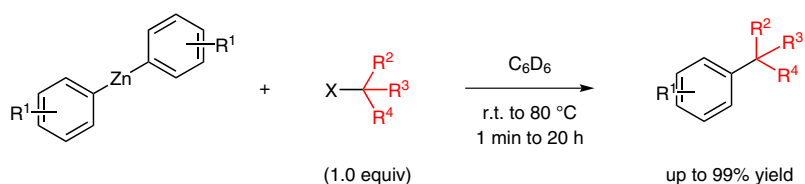
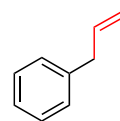
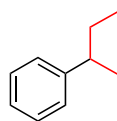
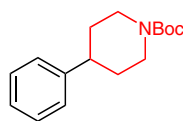
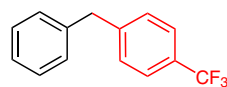
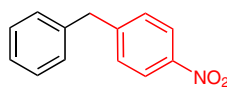
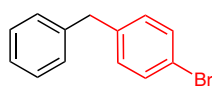


J. J. DUNSFORD, E. R. CLARK, M. J. INGELSON\* (UNIVERSITY OF MANCHESTER, UK)  
Direct C(sp<sup>2</sup>)–C(sp<sup>3</sup>) Cross-Coupling of Diaryl Zinc Reagents with Benzylic, Primary, Secondary, and Tertiary Alkyl Halides  
*Angew. Chem. Int. Ed.* **2015**, *54*, 5688–5692.

## Direct Cross-Coupling of Diaryl Zinc Reagents



### Selected examples:



**Significance:** Ingelson and co-workers developed an operationally simple method for the direct C(sp<sup>2</sup>)–C(sp<sup>3</sup>) cross-coupling of diarylzinc reagents with benzylic, primary, secondary, and tertiary alkyl halides, leading to the alkylated products in good yields.

**Comment:** The reactivity of this cross-coupling reaction was highly solvent dependent and showed excellent functional group tolerance. The products were generally obtained in good yields, and purification by column chromatography was not required.

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