Iridium-Catalyzed Alkylation of Allenylic Electrophiles

**Significance:** Carreira and co-workers have reported an iridium-catalyzed enantioselective alkylation using allenyl carbonate as electrophile. Chiral alkenes are isolated in good yields, with excellent regio- and stereoselectivity.

**Comment:** The products are further derivatized, providing examples of useful chiral building blocks. Mechanistic studies suggest that the catalyst has no kinetic preference for a specific substrate enantiomer and that the enantioselectivity is strictly under catalyst control.