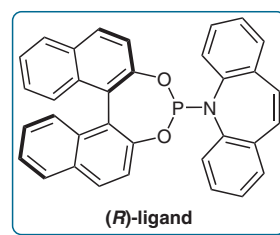
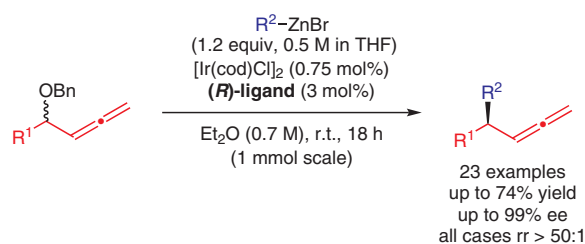
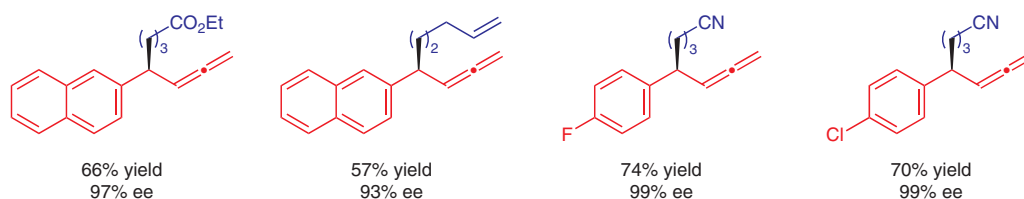


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 Allenylic Carbonates in Enantioselective Iridium-Catalyzed Alkylations  
*J. Am. Chem. Soc.* **2018**, *140*, 4697–4704.

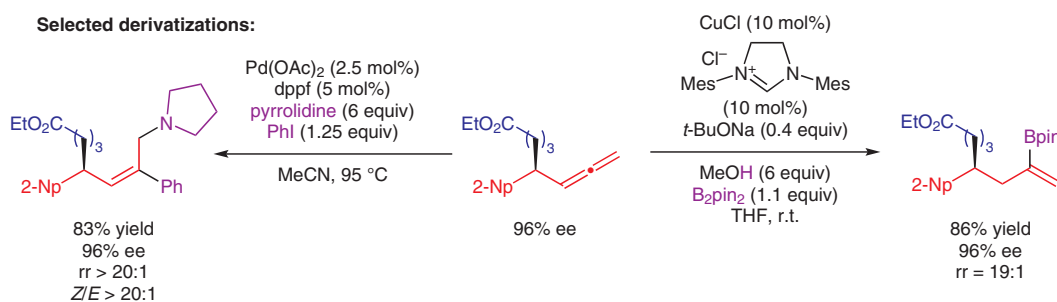
## Iridium-Catalyzed Alkylation of Allenylic Electrophiles



### Selected examples:



### Selected derivatizations:



**Significance:** Carreira and co-workers have reported an iridium-catalyzed enantioselective alkylation using allenyl carbonates as electrophiles. Chiral allenes 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.

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