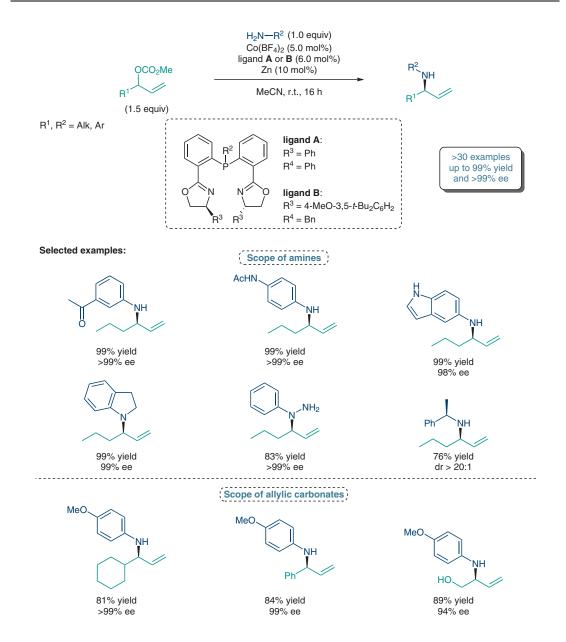
S. GHORAI, S. S. CHIRKE, W.-B. XU, J.-F. CHEN, C. LI* (SHANGHAI JIAO TONG UNIVERSITY AND BEIJING NATIONAL LABORATORY OF MOLECULAR SCIENCES, P. R. OF

Cobalt-Catalyzed Regio- and Enantioselective Allylic Amination J. Am. Chem. Soc. **2019**, 141, 11430–11434.

Regio- and Enantioselective Cobalt-Catalyzed Allylic **Amination**



Significance: The authors report an enantioselective cobalt-catalyzed allylic amination of racemic allylic carbonates that leads to highly branched products.

Comment: A broad range of aliphatic and aromatic amines are used, providing a variety of amines in excellent yields and enantioselectivities.

SYNFACTS Contributors: Paul Knochel, Simon Graßl Synfacts 2019, 15(10), 1133 Published online: 17.09.2019 DOI: 10.1055/s-0039-1690666; Reg-No.: P11519SF

Metals in Synthesis

Key words

allylic amination enantioselectivity cobalt catalysis

