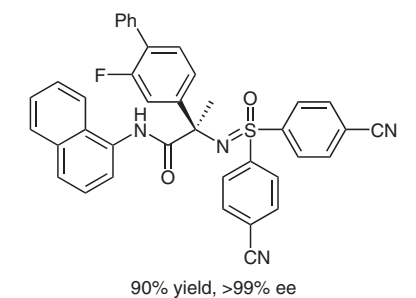
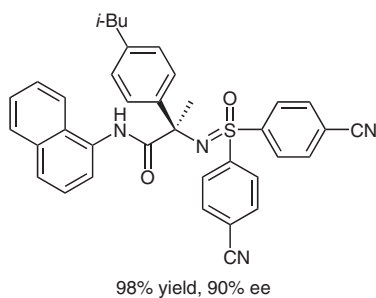
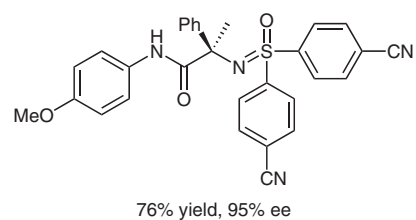
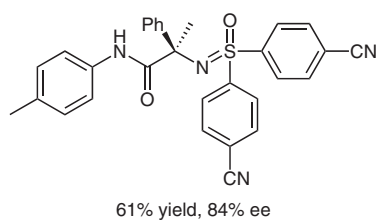
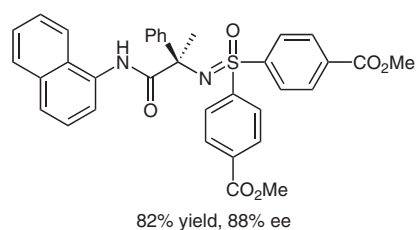
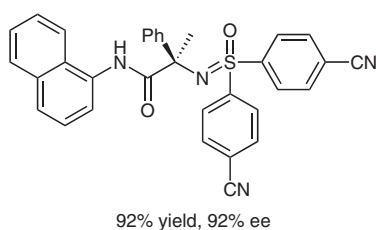
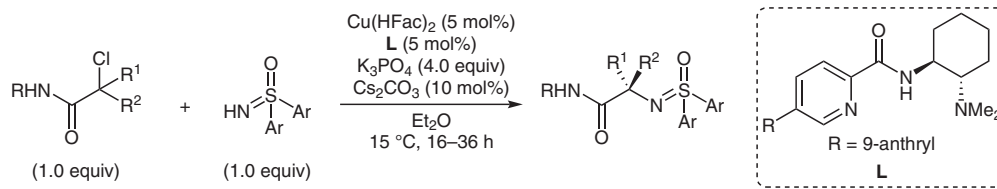


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Copper-Catalyzed Enantioconvergent Radical C(sp³)-N Cross-Coupling: Access to α,α -Disubstituted Amino Acids
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Copper-Catalyzed Synthesis of α,α -Disubstituted Amino Acid Derivatives



Significance: α,α -Disubstituted amino acids can be widely found in bioactive compounds. The authors have developed a copper-catalyzed radical-mediated method to synthesize α,α -disubstituted amino acid derivatives from tertiary alkyl halides and sulfoximines.

Comment: Various examples of α,α -disubstituted amino acid derivatives are prepared by using a copper-catalytic system. The yields of the products are moderate to excellent and the enantioselectivities are controlled well by the chiral ligand.

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