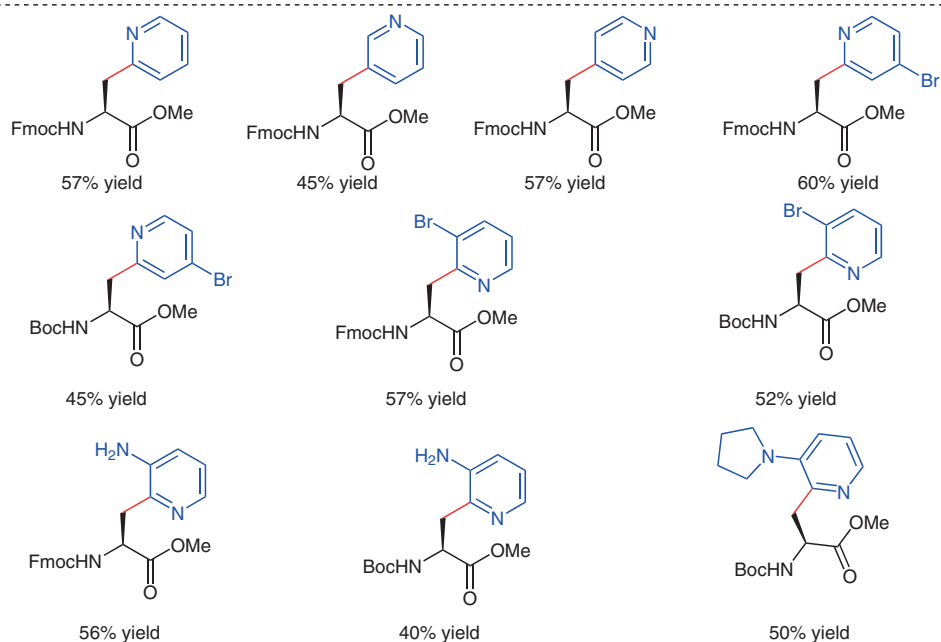
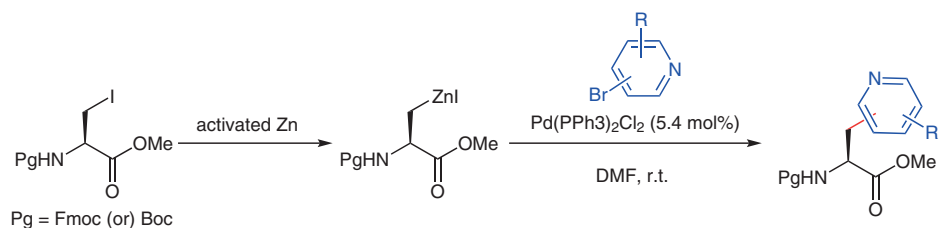


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Preparation of Enantiomerically Pure Pyridyl Amino Acids from Serine

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Palladium-Catalyzed Cross-Coupling for the Synthesis of Pyridyl Amino Acids



Significance: Pyridyl amino acids are the crucial building blocks for the synthesis of many bioactive molecules and play a significant role in chemical biology. In 2003, the authors developed a palladium-catalyzed cross-coupling of serine-derived organozinc reagents with halo-substituted pyridines for the synthesis of pyridyl amino acids.

Comment: A series of pyridyl amino acids was synthesized by palladium-catalyzed cross-coupling of serine-derived organozinc reagents with halo-substituted pyridine.