Cyclic Peptides Synthesis with the Assistance of a Removable Activating Group

Significance: Biaryl-bridged cyclic peptides are becoming more and more important due to their biological activity. The authors have developed an efficient strategy to synthesize these peptides by introducing a removable activating group to increase reactivity in the oxidative cross-coupling step that forms the biaryl unit.

Comment: Although the authors have prepared some natural and nonnatural biaryl-bridged cyclic peptides in moderate total yields, this approach with a remarkable activating group (t-Bu) might have more synthetic uses.

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