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Late-Stage Stitching Enabled by Manganese-Catalyzed C–H Activation: Peptide Ligation and Access to Cyclopeptides
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Manganese-Catalyzed Late-Stage Functionalization of Peptides

Significance: Structurally modified complex peptides play an important role in the field of peptide-drug discovery. In this context, a Mn-catalyzed C–H bond-activation strategy has been developed for the synthesis of complex peptides and cyclic peptides.

Comment: The Mn(I)-catalyzed C–H hydroarylation of peptides proceeded smoothly to afford structurally complex peptides and macrocyclic peptides in high yields. The reaction shows high chemo- and regioselectivities.

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