

Palladium(0)-catalyzed C(sp³)-H activation: from method development to natural product synthesis

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Research efforts from our group in the past decade have focused on the functionalization of non-activated C(sp³)-H bonds using catalysis by palladium(0) complexes.¹

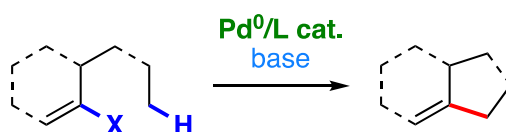


Figure 1

This lecture will present some of the most recent aspects of this chemistry, including enantioselective reactions using different types of chiral catalysts,² remote reactions using the 1,4-Pd shift strategy,³ and applications in natural product synthesis.⁴

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