

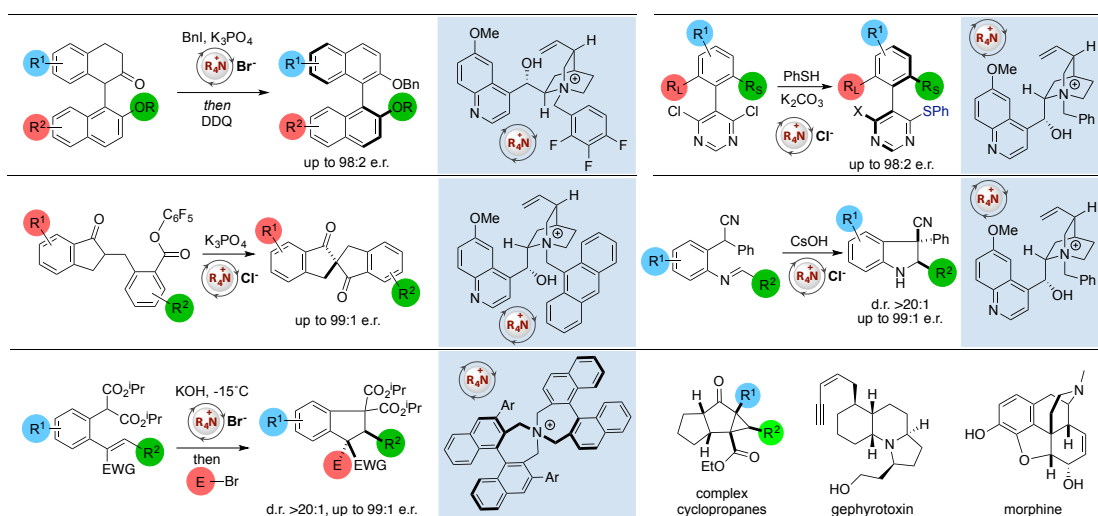
Counter-ions and Cascades in Organic Synthesis



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Counter-ions affect both the reactivity and selectivity of anionic reactions. In this lecture I will describe my group's work on counter-ion-directed cyclization¹ and mechanism² and demonstrate how lessons learned in this area can be applied in the development of new enantioselective methods, with a particular focus on controlling axial chirality.³⁻⁵



Extension of this chemistry to complexity-generating reactions⁶ and cascade approaches to the total synthesis of complex natural products will also be outlined.⁷⁻⁹

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