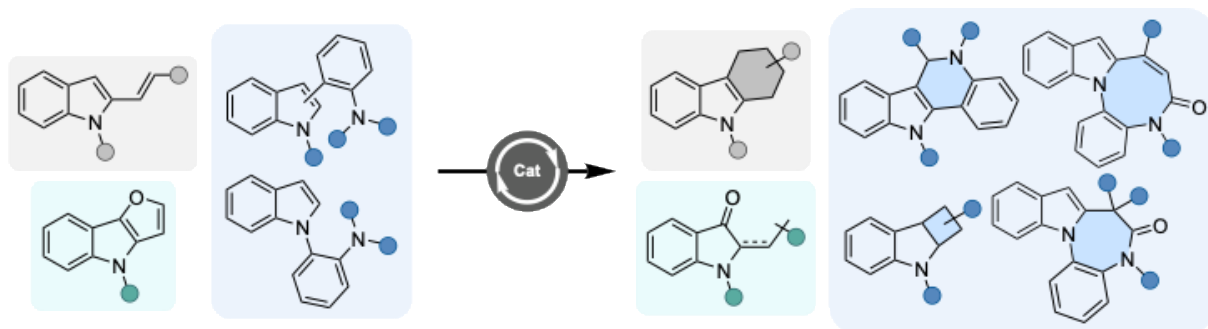


INDOLE-BASED PLATFORMS FOR CATALYTIC ACCESS TO MOLECULAR COMPLEXITY

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Indole derivatives are a privileged scaffold in organic synthesis due to their prevalence in bioactive compounds and their versatile reactivity.[1] Their structural diversity makes them valuable platforms for the development of catalytic strategies toward complex molecular architectures.[2] This contribution presents our work on indole-based platforms, where simple substrates are designed to display tunable reactivity and undergo catalytic transformations. Their functionalization through gold catalysis[3] and photochemical approaches,[4] enables efficient access to structurally complex molecules under mild conditions. Overall, this work highlights the use of designed indole platforms as entry points to molecular complexity via complementary catalytic methods.



Scheme 1. From simple indole platforms to complex molecules via catalysis

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