

Synthesis of N-Heterocycles via Aryne Intermediates

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Arynes are powerful intermediates in the synthesis of small molecules and pharmaceutically relevant fragments. Despite their useful reactivity, a number of challenges still remain in their use including problems with regioselectivity and the synthesis of N-heterocyclic arynes. Our group has recently been interested in solving both of these challenges and our recent efforts using transition metal-aryne complexes will be discussed.