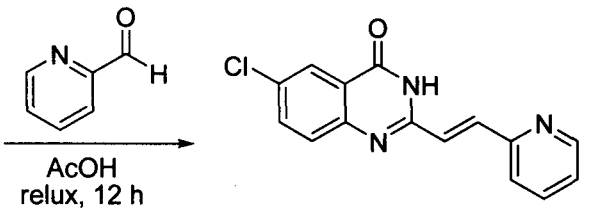
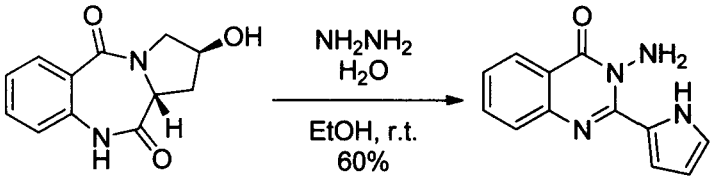
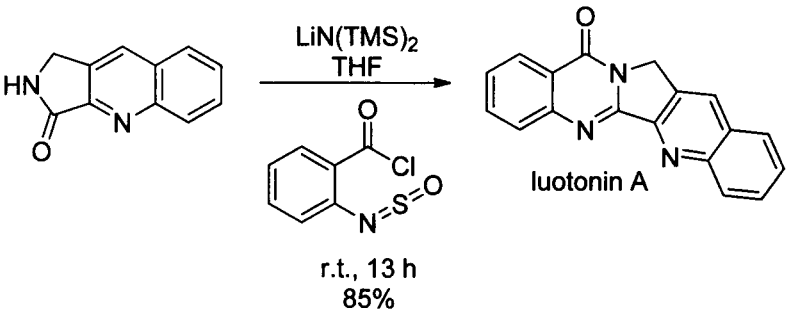


Fabis and co-workers used a base-catalyzed ring contraction to generate 2-pyrryl substituted quinazolinones.[35] Treatment of pyrrolo[2,1-*c*][1,4]benzodiazepine with hydrazine in ethanol at room temperature provided the desired quinazolinone in 60% yield.



Ganesan and Wang used a base-catalyzed condensation between a tricyclic lactam and a sulfinyl benzoyl chloride derivative in the final step of their total synthesis of the cytotoxic alkaloid luotonin A.[36] The desired product was produced in 85% yield after condensing at room temperature under basic conditions for 13 h.



Eguchi and co-workers used an intramolecular aza-Wittig reaction in their synthesis of vasicinone,[37] an indigenous compound used as a remedy for cold, cough, bronchitis, and asthma. Treatment of a TBDMS protected chiral aza-diketone with tributylphosphine in toluene at room temperature gave the corresponding TBDMS protected *l*-vasicinone in 76% yield. Deprotection of the TBDMS group using TBAF gave the desired natural product in 52% yield (97% *ee*) over three steps starting from commercially available 2-azido benzoic acid.