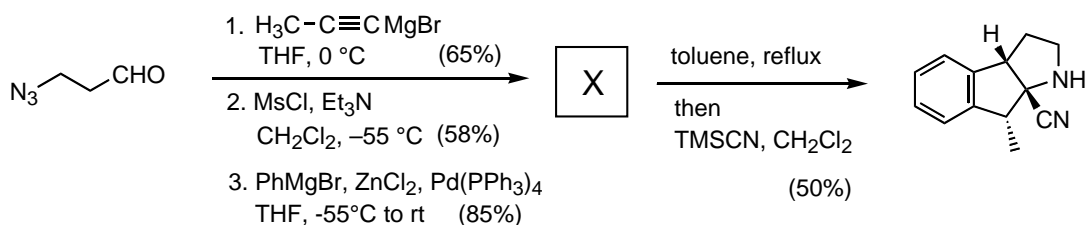


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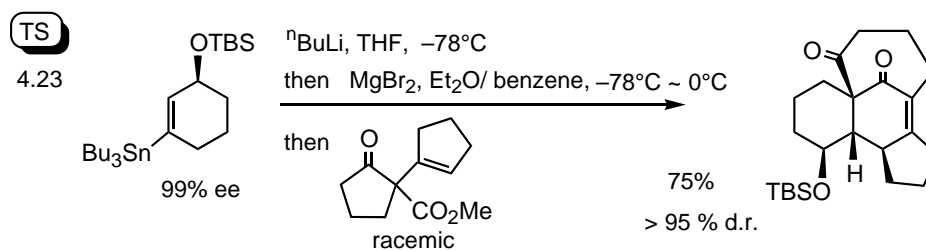
X: $\text{C}_{12}\text{H}_{13}\text{N}_3$

IR (neat): 2096, 1950 cm^{-1}

^1H NMR: δ 7.44 (d, $J = 7.4$ Hz, 2H), 7.36 (t, $J = 7.5$ Hz, 2H), 7.23 (t, $J = 7.2$ Hz, 1H), 5.5 (m, 1H),
 3.42 (t, $J = 7.1$ Hz, 2H), 2.42 (q, $J = 6.7$ Hz, 2H), 2.14 (d, $J = 3.0$ Hz, 3H)

^{13}C NMR: δ 205.2, 137.4, 128.8, 127.2, 126.1, 102.2, 89.8, 51.2, 29.0, 17.5

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