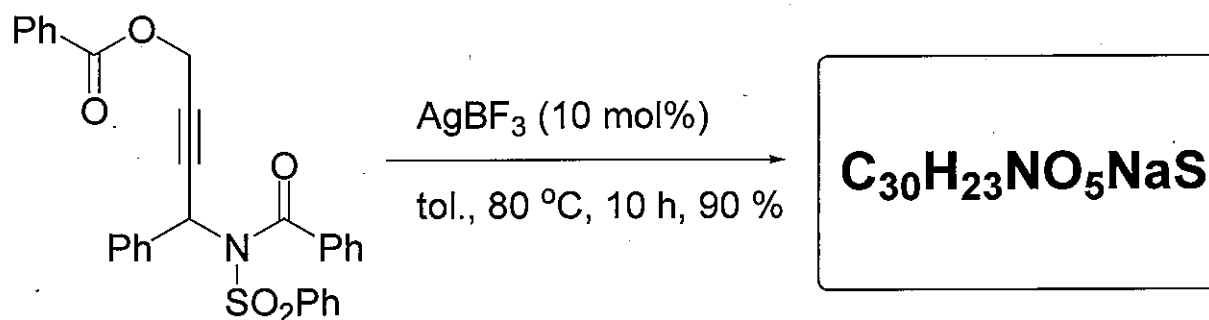
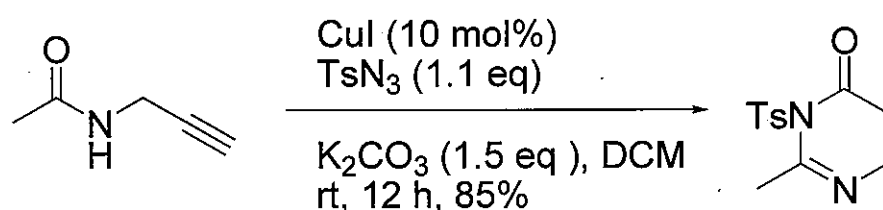


(1)



White solid, 47.7 mg, 90% yield, mp 167-168 °C; ¹H NMR (500 MHz, CDCl₃) δ 8.08-8.03 (m, 2H), 8.00 (dt, J = 8.5, 1.5 Hz, 2H), 7.78-7.74 (m, 2H), 7.64-7.59 (m, 2H), 7.56-7.50 (m, 2H), 7.47-7.43 (m, 3H), 7.42-7.34 (m, 4H), 7.31-7.25 (m, 3H), 5.84 (s, 1H), 5.61 (d, J = 13.9 Hz, 1H), 5.27 (d, J = 13.9 Hz, 1H); ¹³C NMR (126 MHz, CDCl₃) δ 166.3, 161.7, 146.5, 137.4, 133.8, 133.6, 133.5, 131.5, 131.03, 130.97, 130.0, 129.9, 129.5, 129.0, 128.8, 128.5, 128.3, 127.1, 126.9, 68.2, 55.0; HRMS (ESI-TOF) m/z calcd for C₃₀H₂₃NO₅NaS [M + Na]⁺ 532.1195, found 532.1191.

(2)



(1) J.O.C. 2013, 78, 7714.

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(2) J.O.C. 2014, 79, 1254.