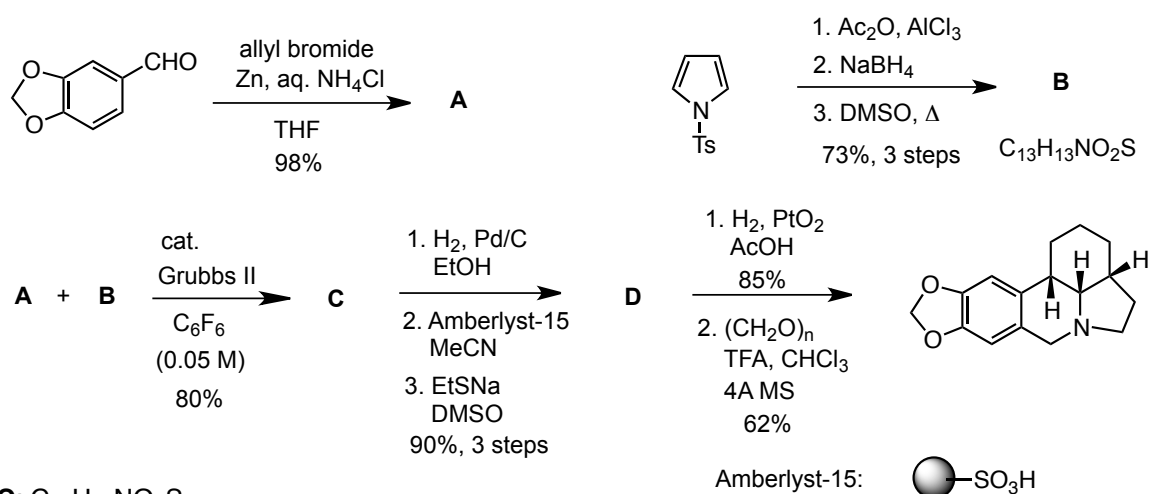


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C: C₂₂H₂₁NO₅S

¹H NMR (400MHz, CDCl₃): δ = 7.72 (d, *J* = 8.0Hz, 2 H), 7.27 (d, *J* = 8.0 Hz, 2 H), 7.09–7.02 (m, 2 H), 6.79–6.74 (m, 3 H), 6.37–6.25 (m, 2H), 5.95–5.84 (m, 1H), 5.93 (s, 2H), 4.64 (t, *J* = 6.4Hz, 1H), 2.52 (app t, *J* = 6.4 Hz, 2 H), 2.39 (s, 3 H), 2.08 (br s, 1 H).

¹³C NMR (100 MHz, CDCl₃): δ = 147.7, 146.9, 145.0, 138.0, 135.9, 128.0, 127.3, 126.8, 125.6, 124.7, 121.6, 119.1, 117.8, 111.1, 108.0, 106.3, 101.0, 73.5, 42.9, 21.6.

D: C₁₅H₁₅NO₂

¹H NMR (400 MHz, CDCl₃): δ = 7.50 (br s, 1 H), 6.73 (app dd, *J* = 1.0, 7.0 Hz, 1 H), 6.64–6.59 (m, 3 H), 6.01 (app t, *J* = 2.4 Hz, 1 H), 5.92 (m, 2 H), 3.91 (app t, *J* = 6 Hz, 1 H), 2.62–2.59 (m, 2 H), 2.16–2.10 (m, 1 H), 1.90–1.87 (m, 1 H), 1.76–1.67 (m, 2 H).

¹³C NMR (100 MHz, CDCl₃): δ = 147.8, 146.1, 139.1, 128.8, 121.1, 118.2, 116.4, 108.4, 108.1, 107.1, 100.9, 40.9, 34.3, 23.0, 22.6.