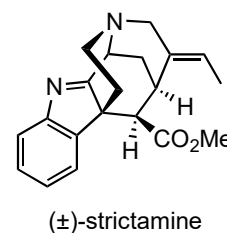
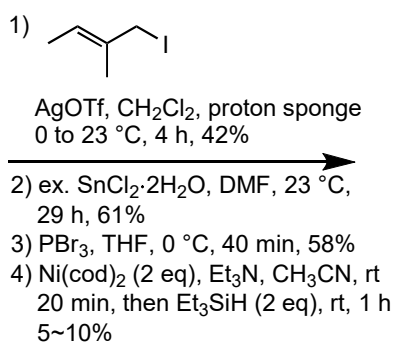
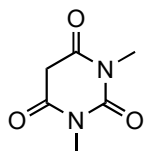


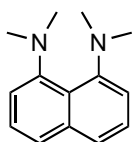
Compound **A**
 C₁₆H₁₆N₂O₅



DMBA:
 1,3-dimethylbarbituric
 acid



Proton sponge:

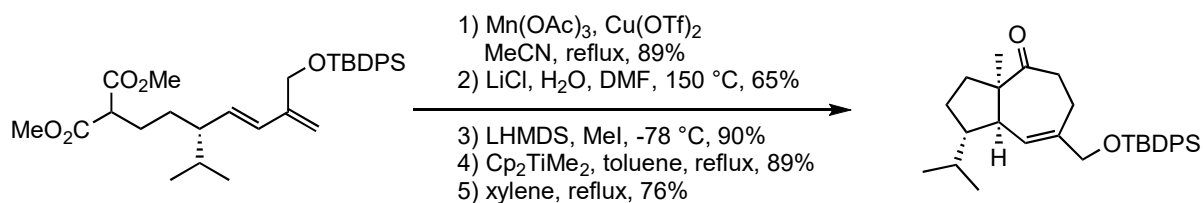


Hint 1:
 indolenine
 synthesis

Hint 2: ¹H-NMR of Compound **A**

¹H-NMR (CDCl₃) δ 7.88 (dd, J = 8.0, 1.2 Hz, 1H),
 7.63-7.56 (m, 2H), 7.48 (ddd, J = 8.2, 7.0, 1.6 Hz,
 1H), 6.01 (dd, J = 17.4, 10.9 Hz, 1H), 5.55 (d, J =
 17.4 Hz, 1H), 5.46 (d, J = 11.3 Hz, 1H), 3.80-3.75
 (m, 1H), 3.78 (s, 3H), 3.51-3.43 (m, 1H), 3.15 (d, J =
 17.4 Hz, 1H), 2.91-2.80 (m, 2H), 2.39-2.32 (m, 1H)

T. Gaich *et al.* *Chem. Comm.* **2016**, Advanced Article



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