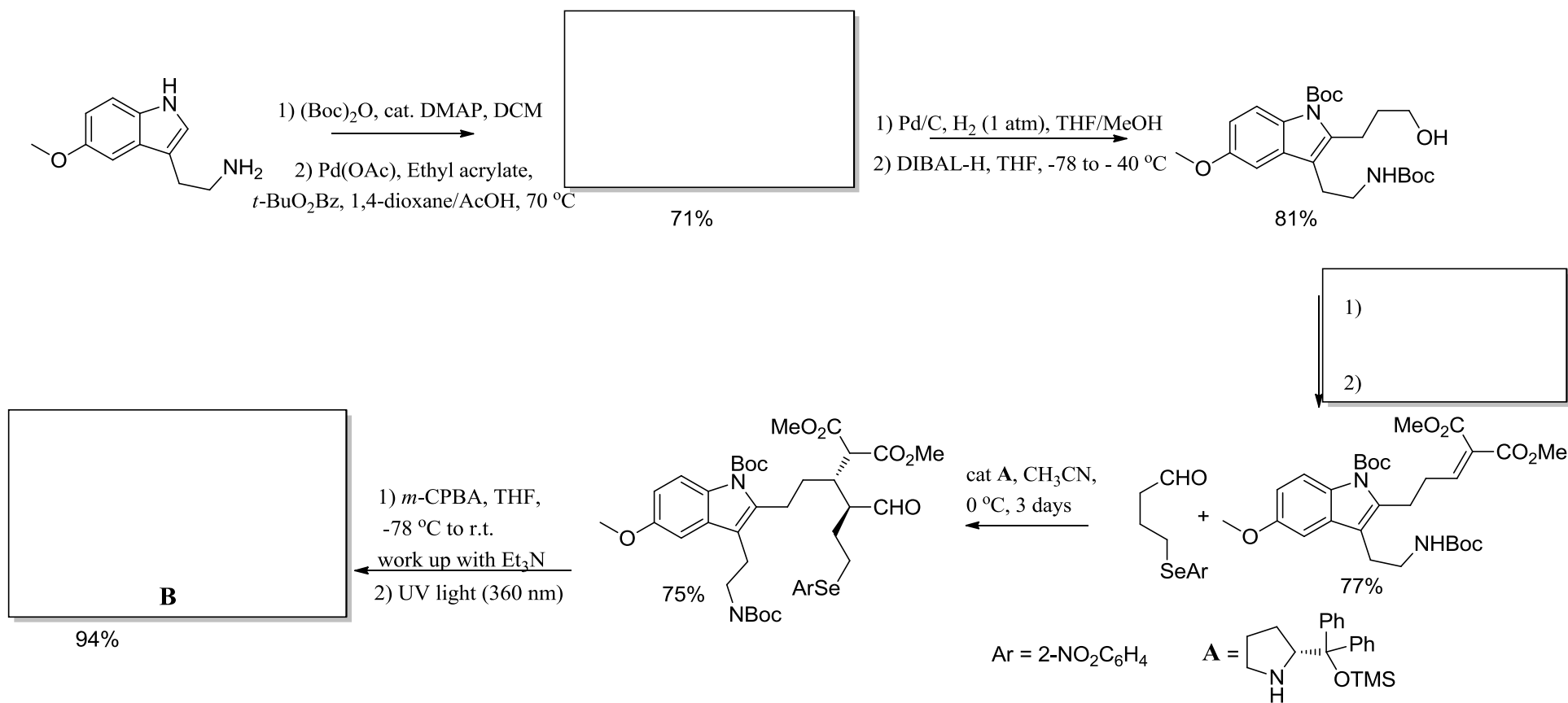


Mittwoch Seminar (Synthese) 06.02.2013

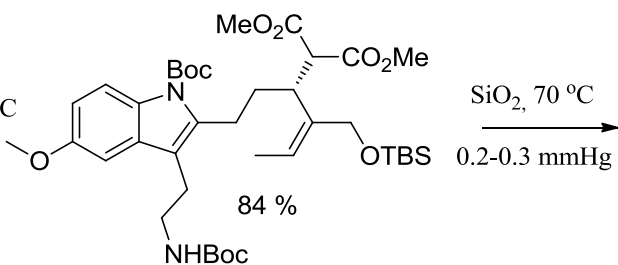
Total Synthesis of *Akuammiline* alkaloid (-)-Vincorine Via Intra-molecular Oxidation Coupling

Zi W., Xie W., Ma D. (2012) *J. Am. Chem. Soc.*, 134, 9126–9129.

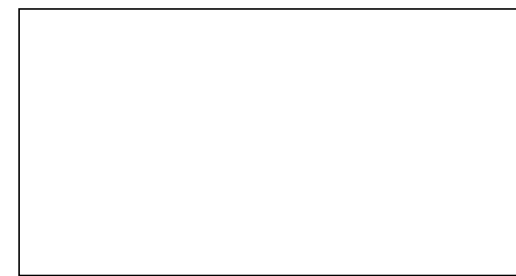


B

1) NaBH₄, MeOH, -78 to 0 °C
 2) TBSCl, Imidazole, DMF

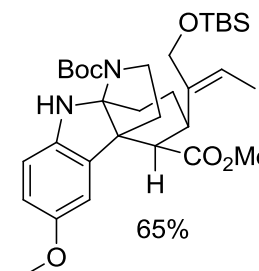
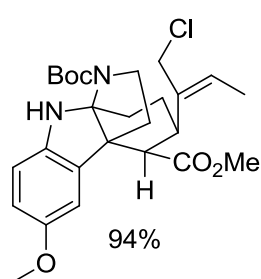


SiO₂, 70 °C
 0.2-0.3 mmHg



74 %

LiHMDS, I₂
 THF, -40 °C to r.t.



KCN, H₂O,
 DMF, 100 °C

