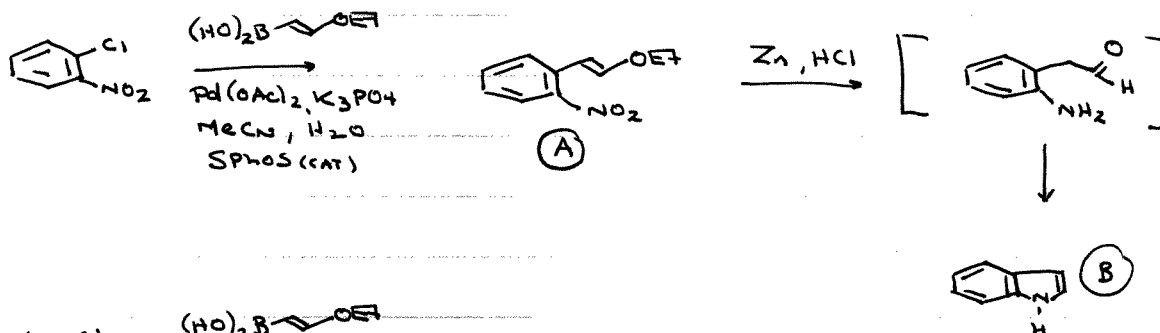


59-431/531

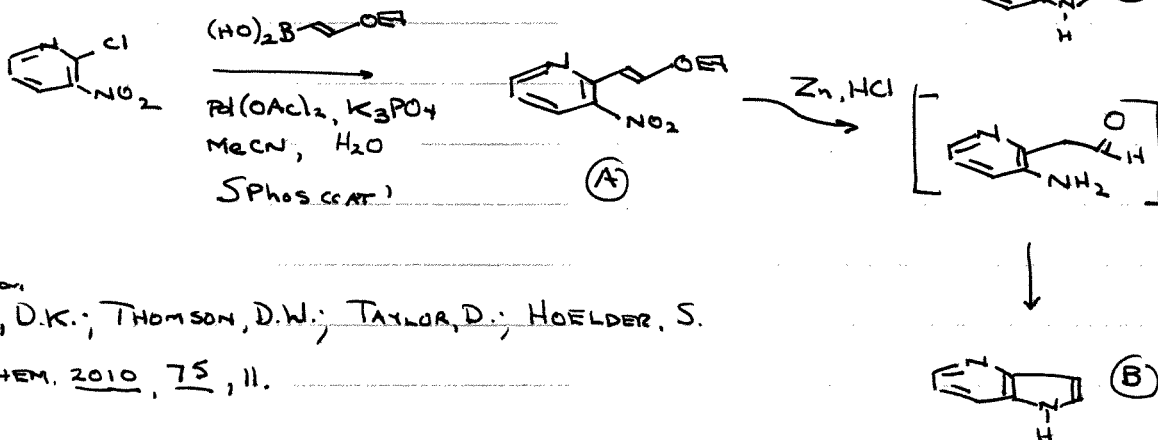
ASSIGNMENT #3 - SUGGESTED SOLNS

W'2011

1a) 431

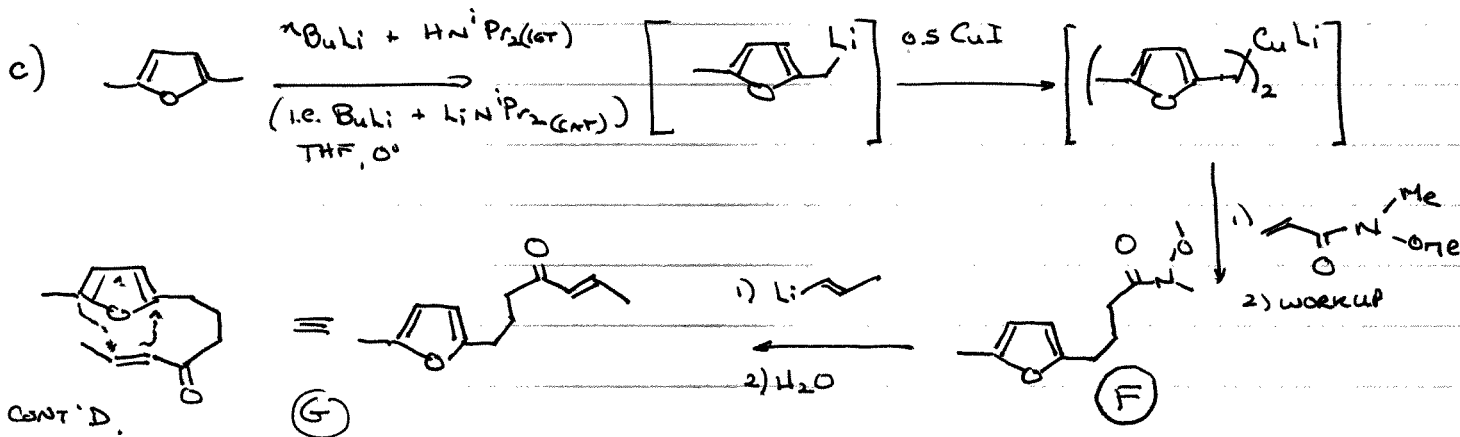
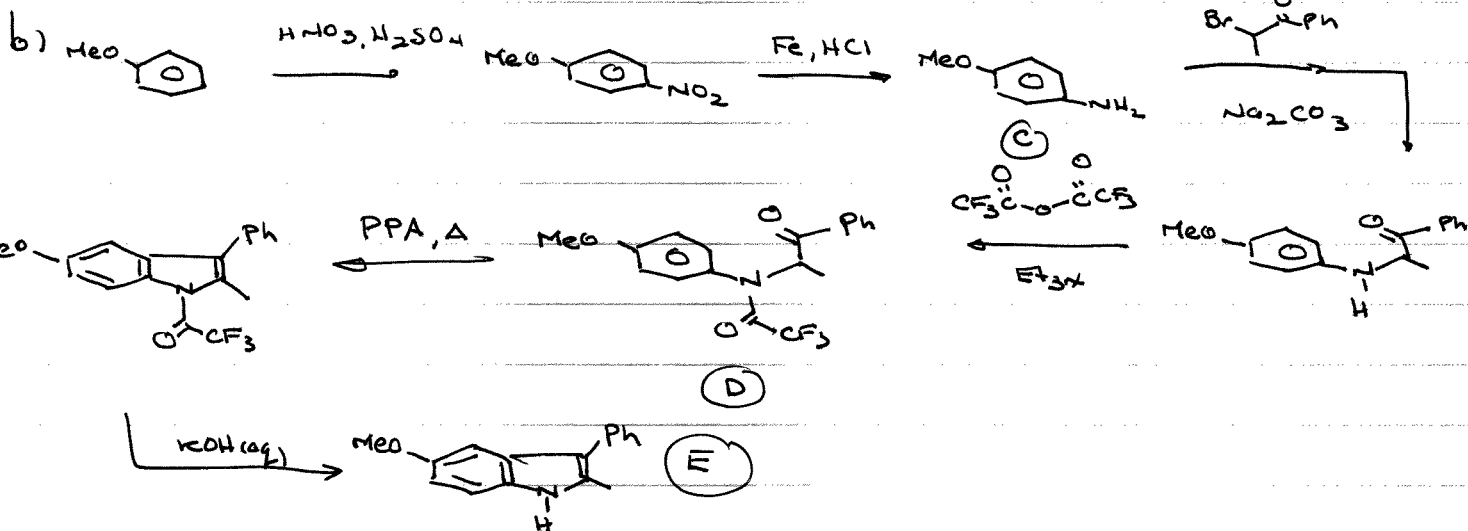


531

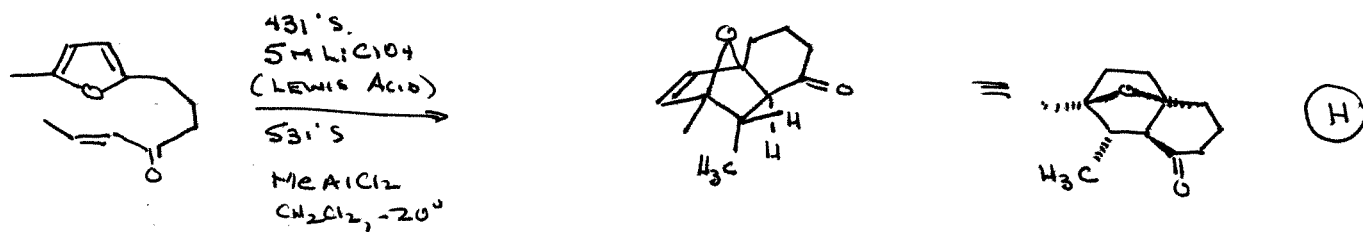


ADAPTED FROM WHELLIGAN, D.K.; THOMSON, D.W.; TAYLOR, D.; HOELDER, S.

J. ORG. CHEM. 2010, 75, 11.

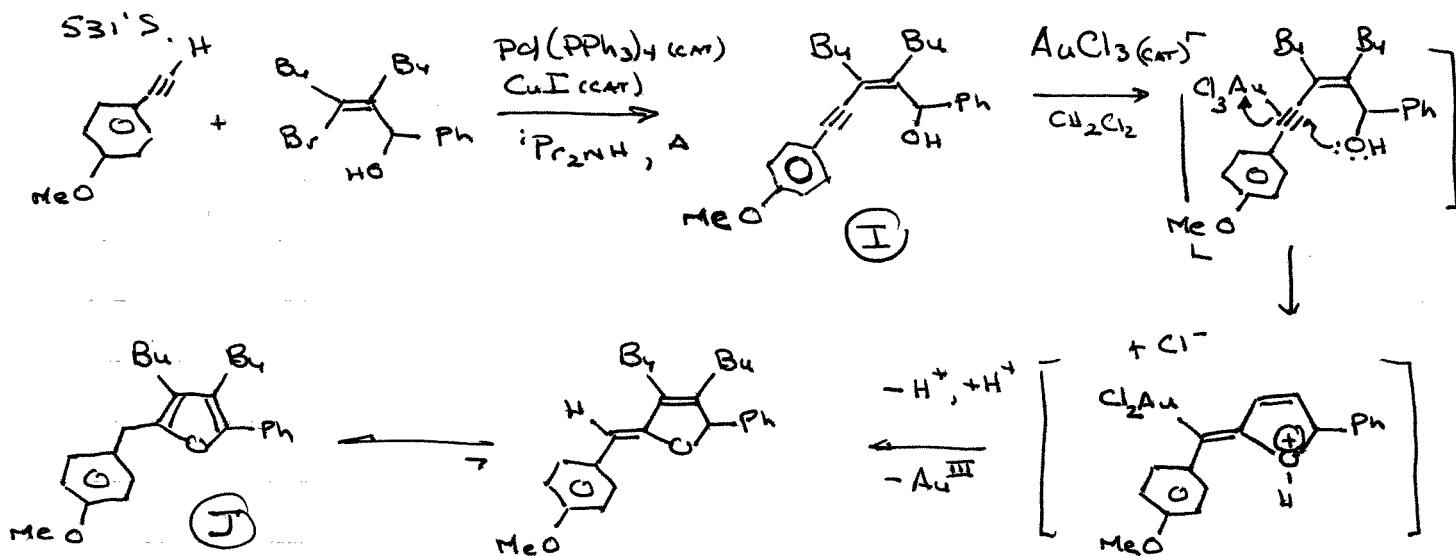
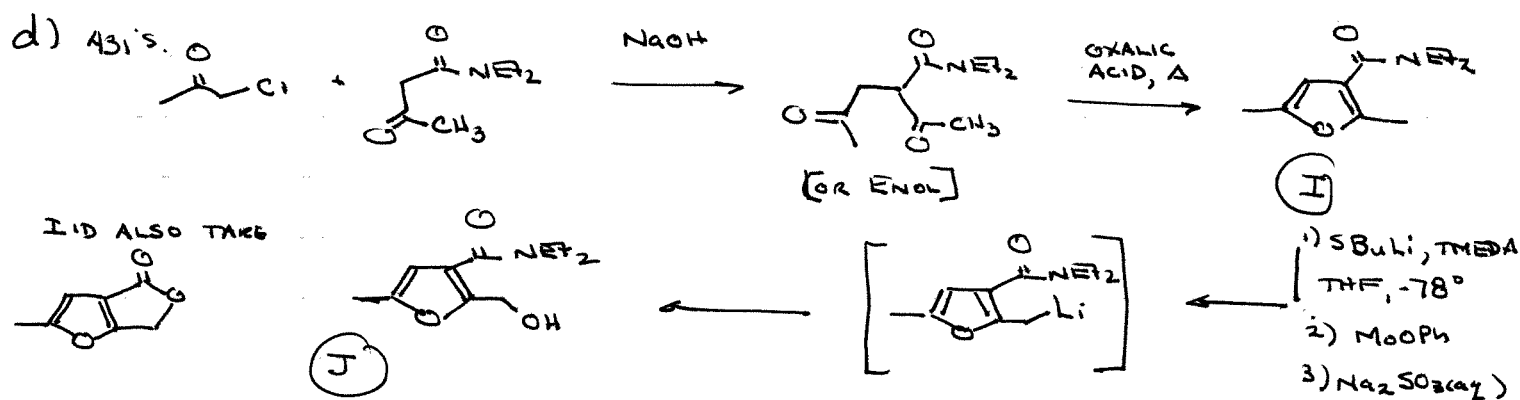


CONT'D.



ANGLE
 EXO ADDN. DUE TO TOO MUCH RING STRAIN
 TO GET ENDO

ADAPTED FROM ROGERS, C.;
 KEAY, B.A. CAN. J. CHEM. 1993,
 71, 611.



FROM SUHRE, M.H.; REIF, M.; KIRSCH, S.F. ORG. LETT. 2005, 7, 5109.

