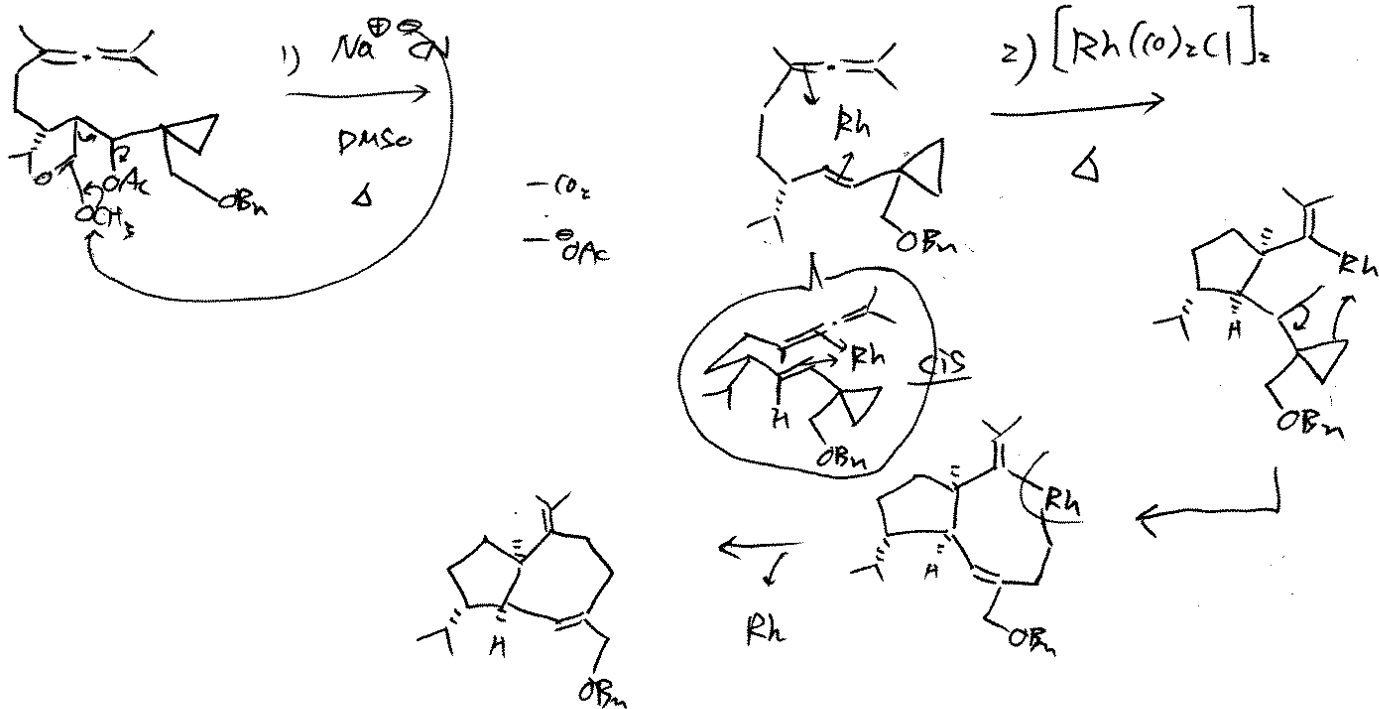


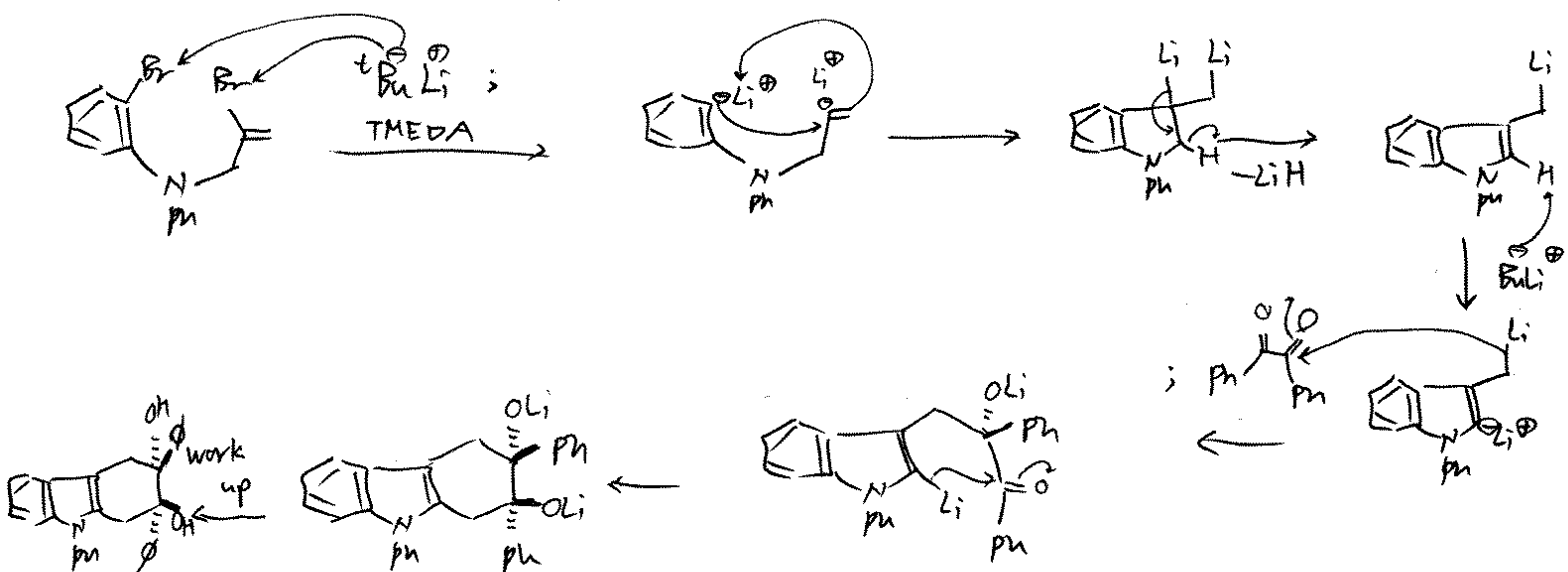
# 9/5/01 Problems Answer

w12

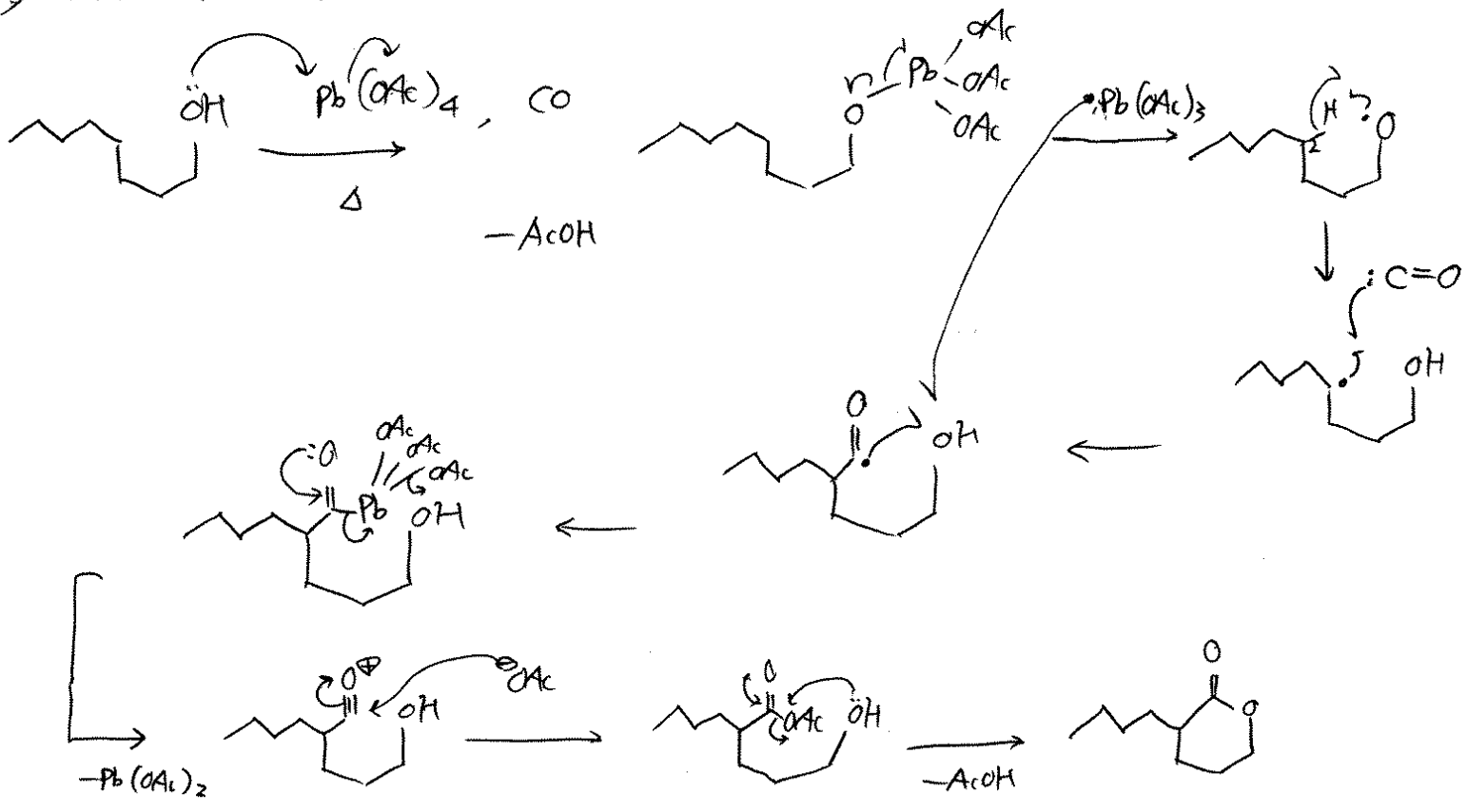
① OL. Zool. No 15, 2323-2326



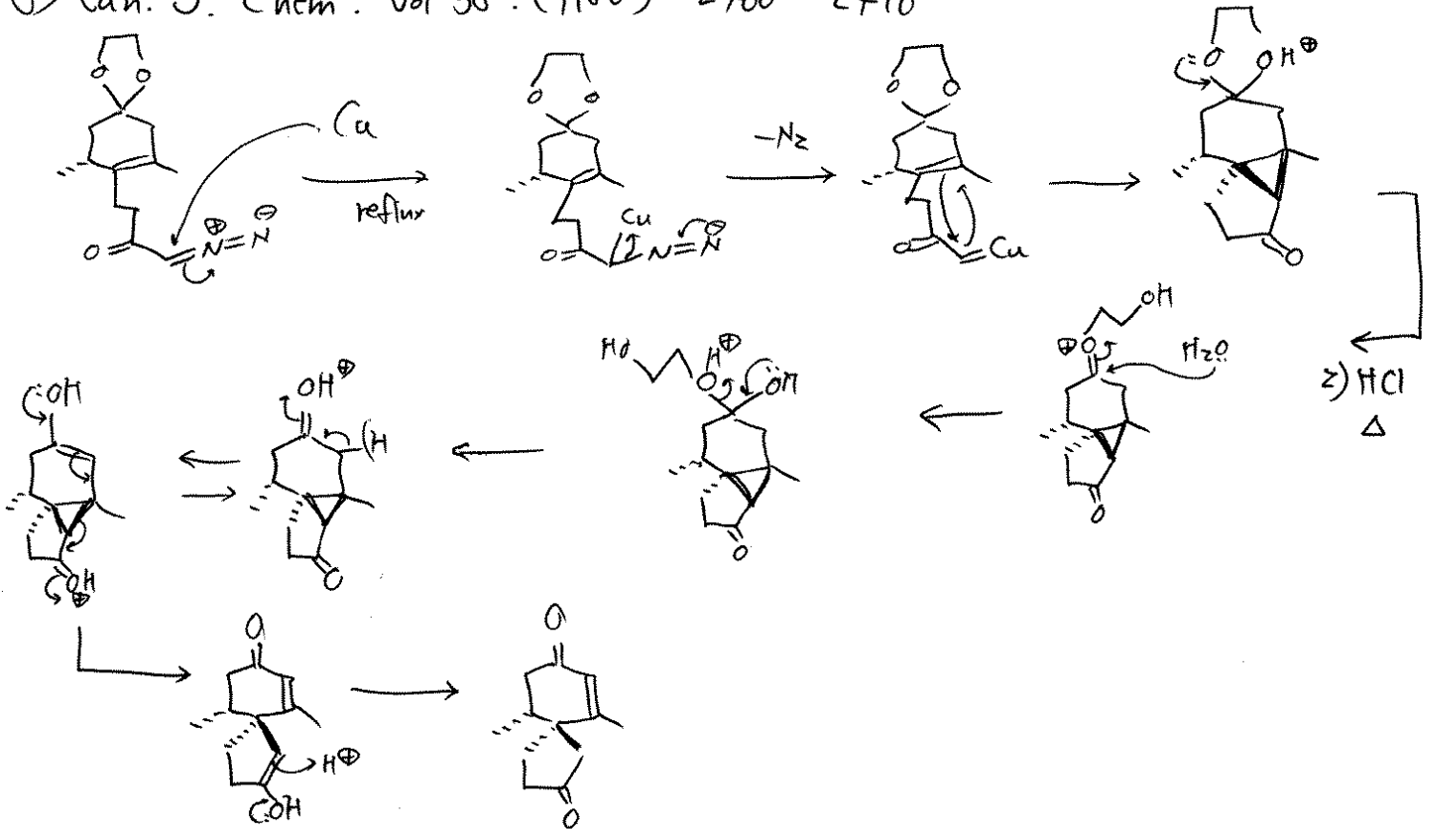
② Chem. Eur. J. Zool. 7 (13) 2896-2907



③ JACS. 120 (34). 8693 (1998)

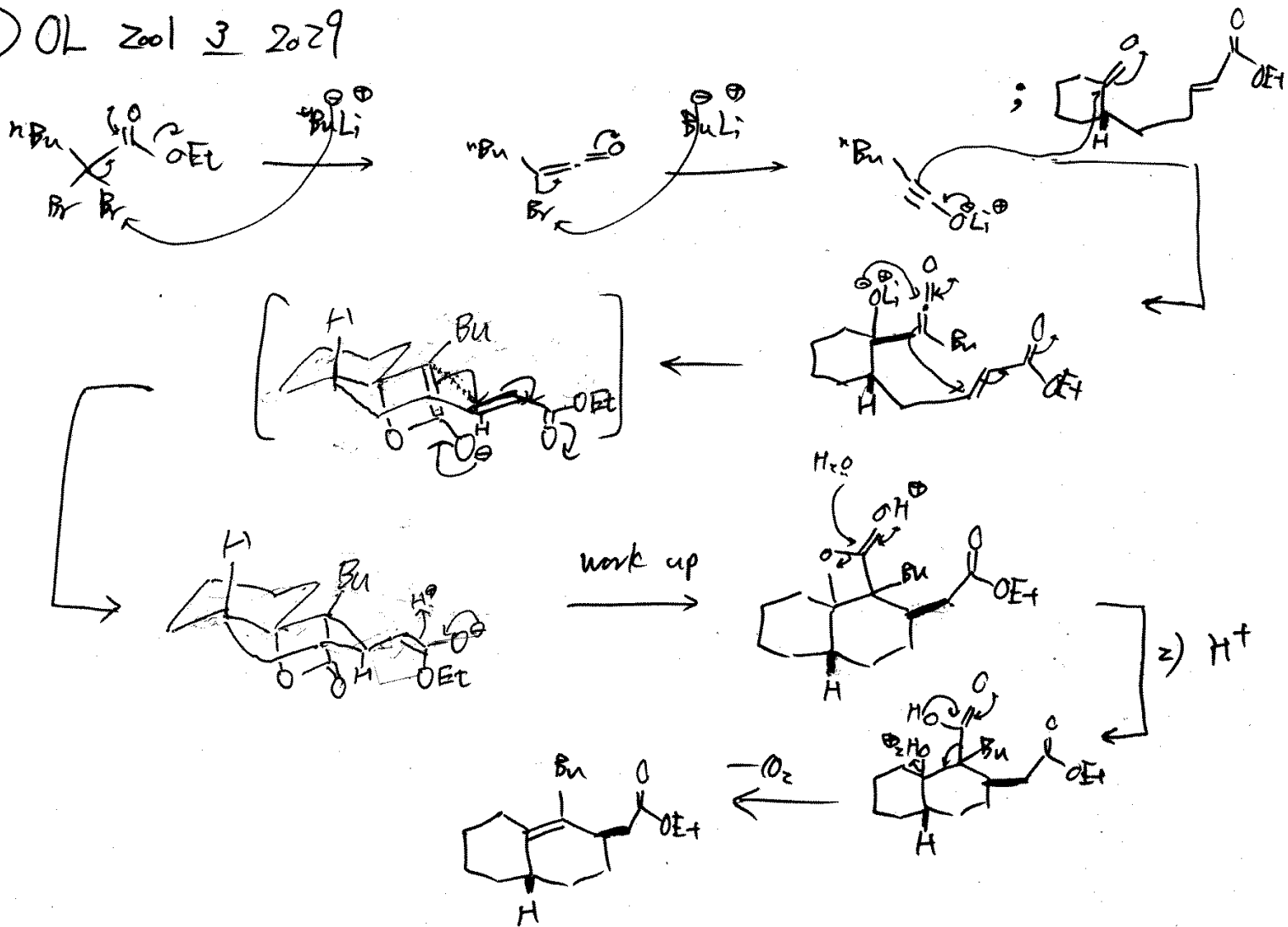


④ Can. J. Chem. Vol 58. (1980) 2460-2476



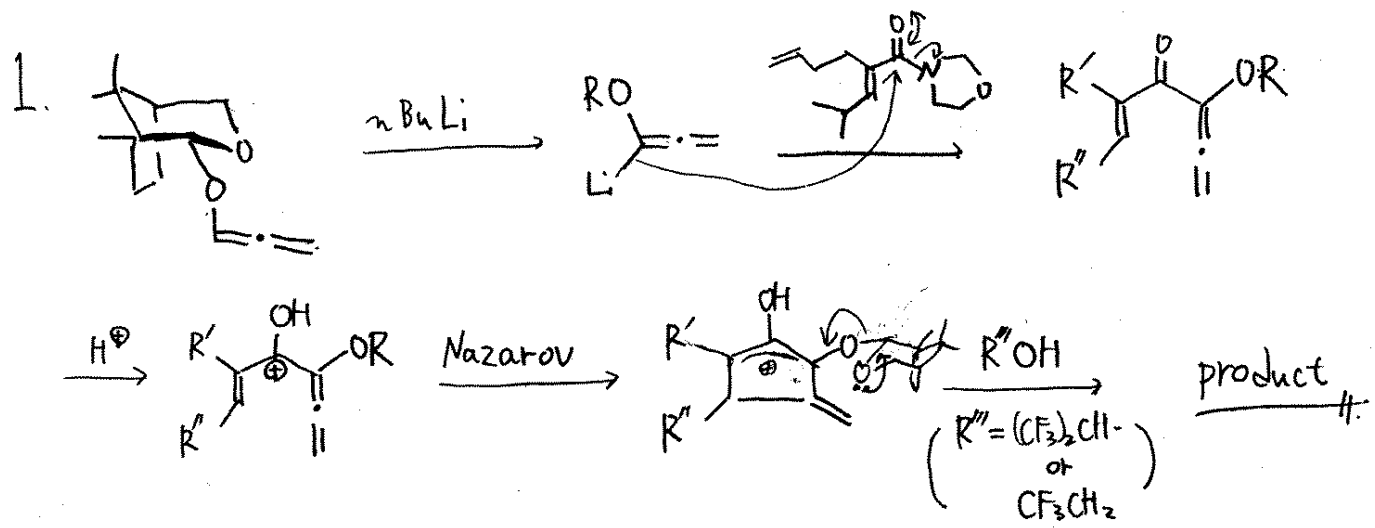
9/5/01 Answer - 2

(5) OL 2013 2029

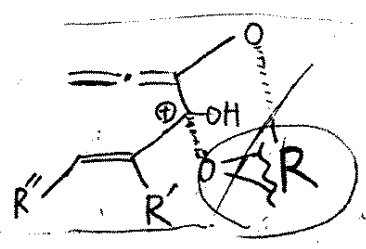


# Group Meeting Problems — Solution

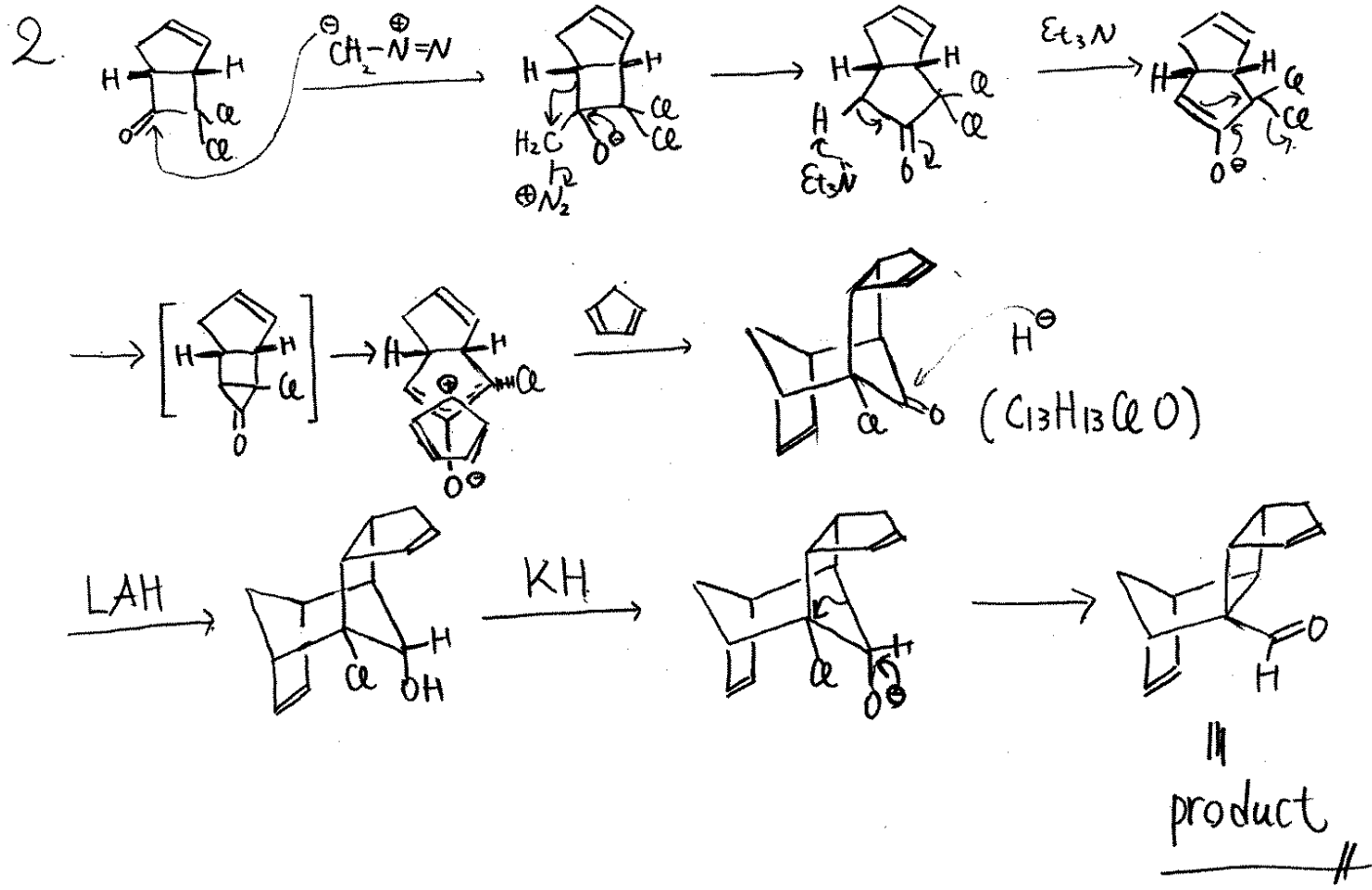
09/12/2001

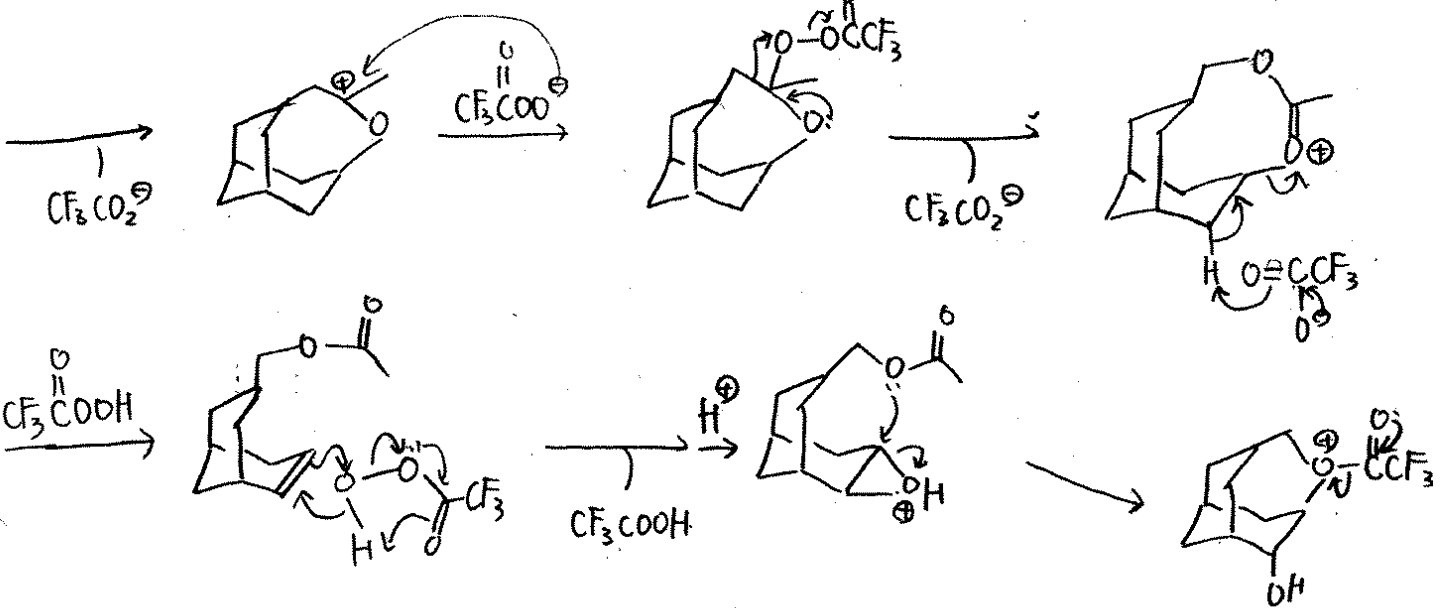
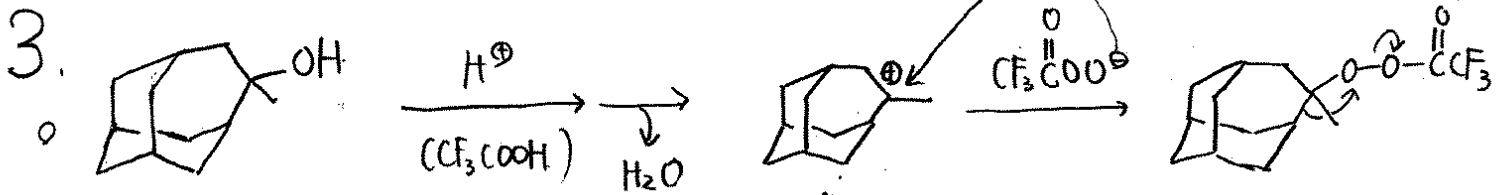


\*立体

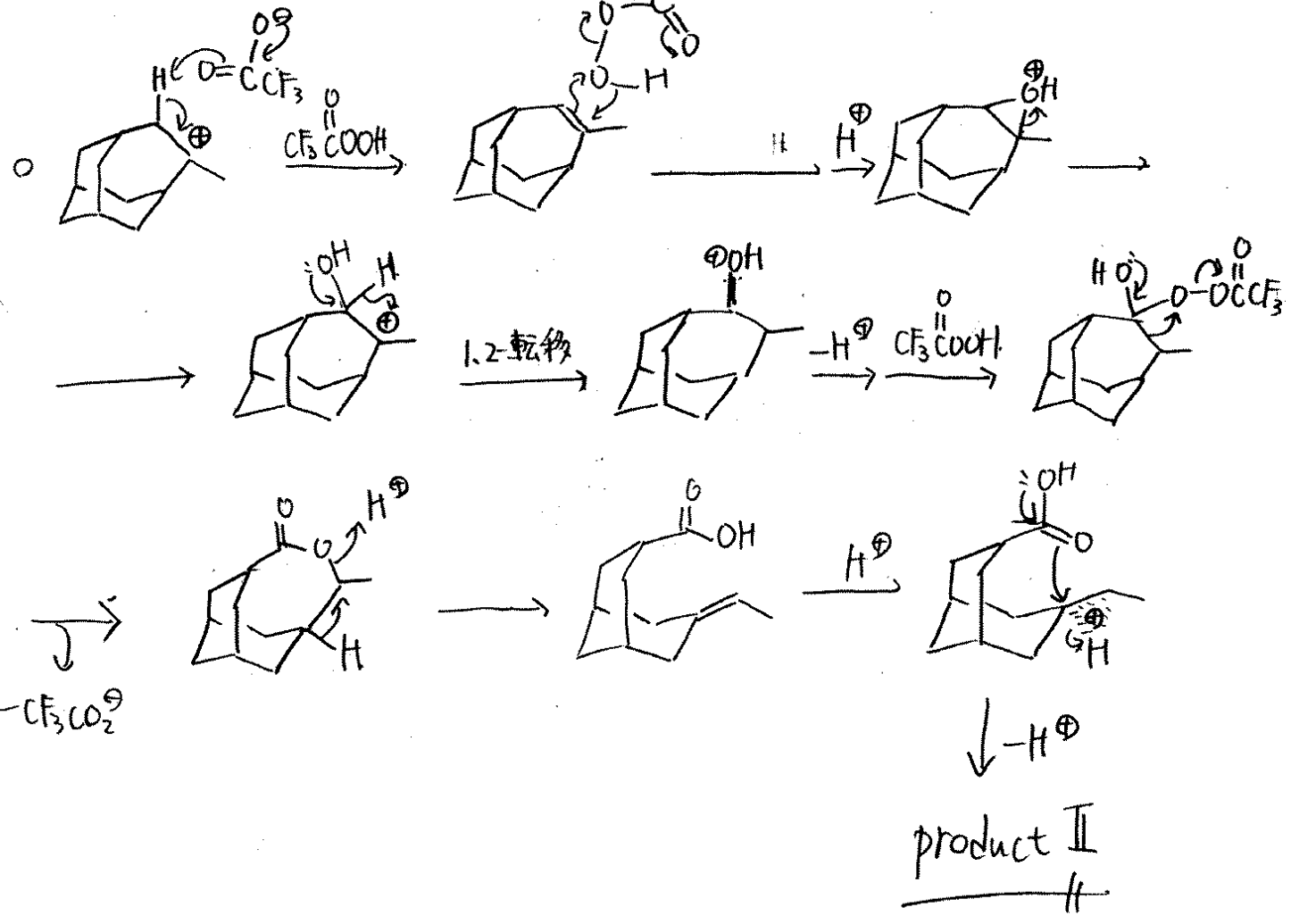


。平面より下に回り R と R' (R'') がぶつかると。  
 平面より上に回り、  
 。RのO原子が ⊕ に入り、配座が固定される。



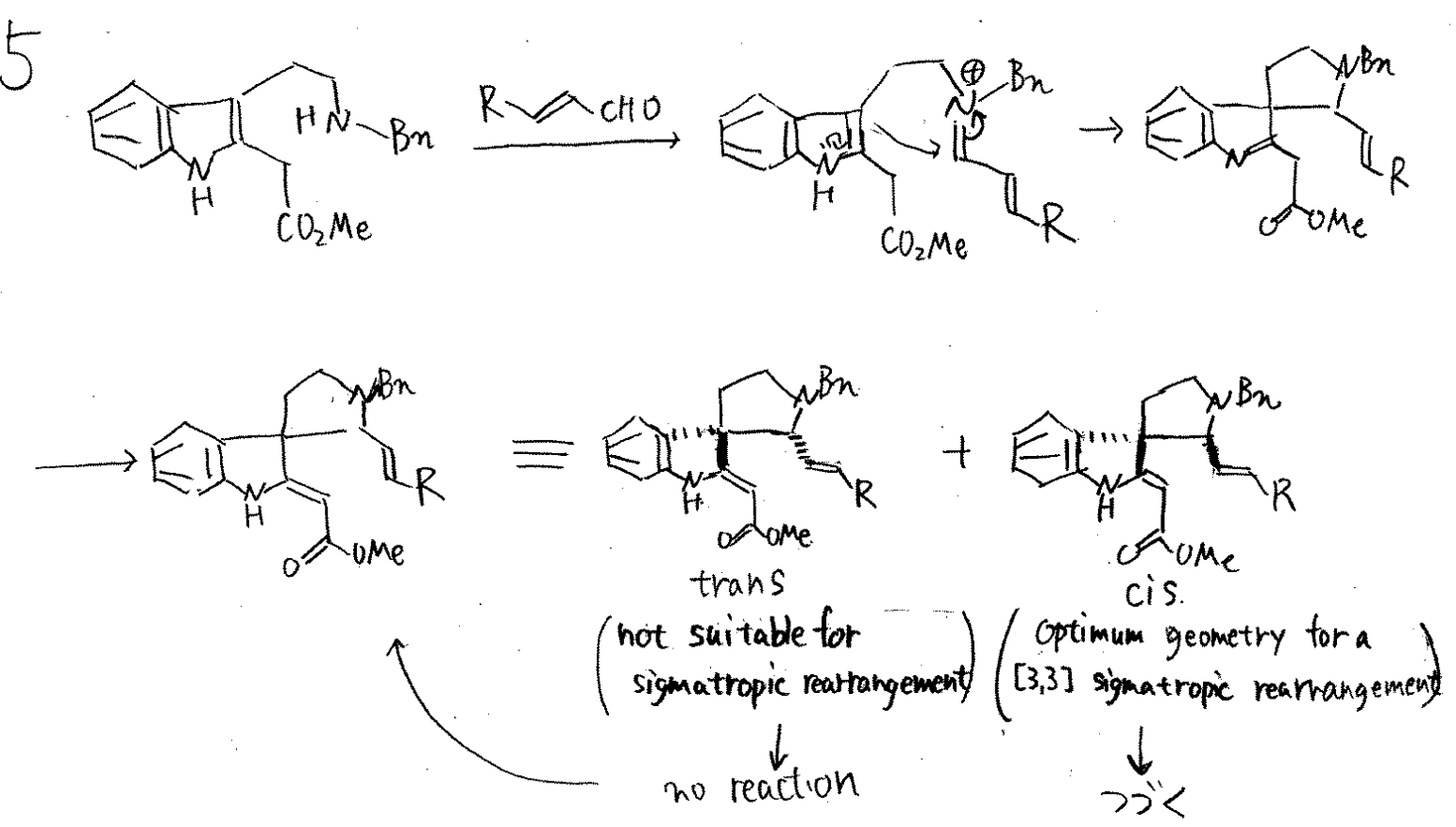
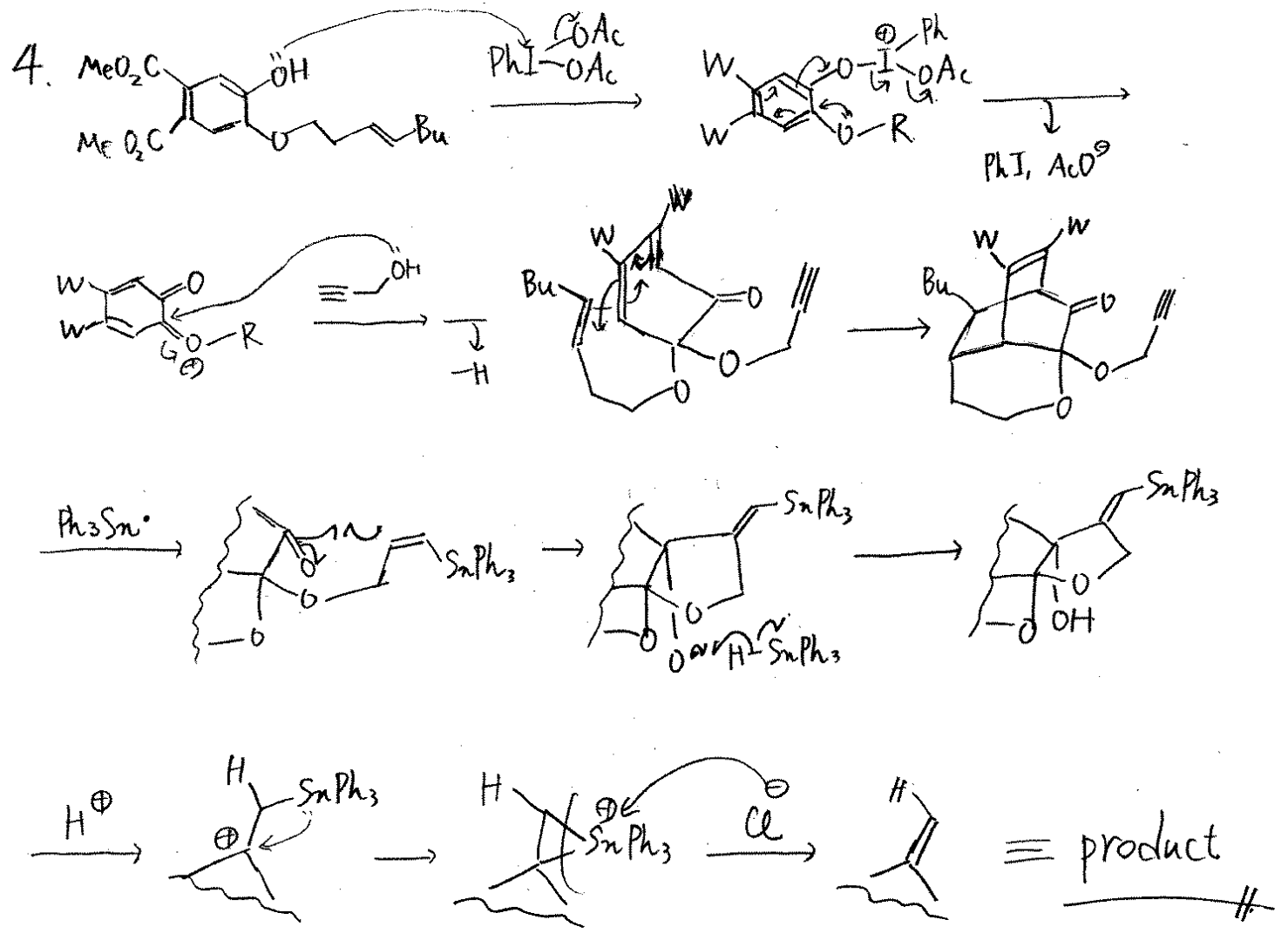


product I

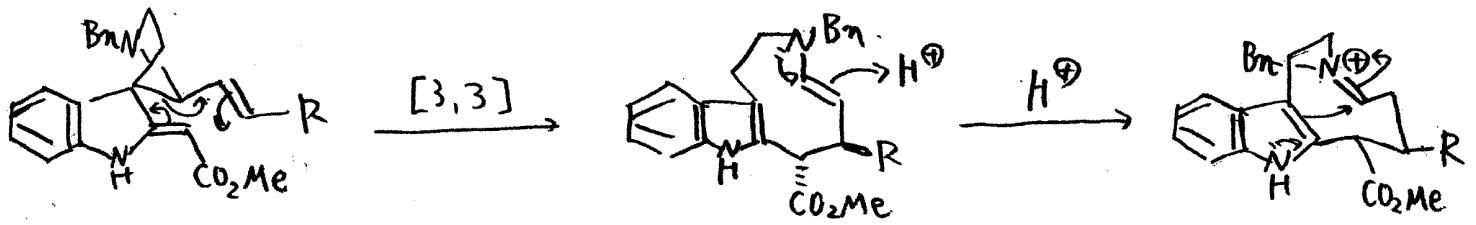


# Group Meeting Problems - Solution

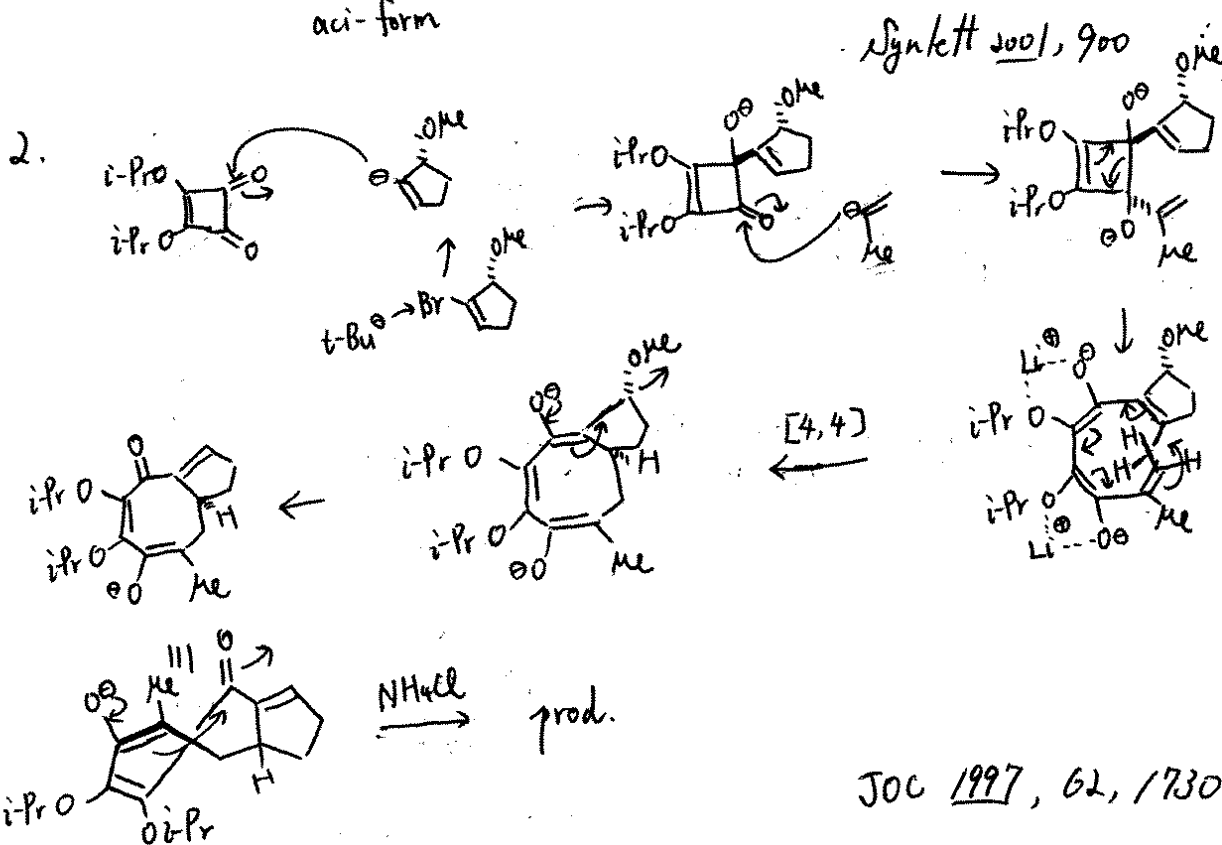
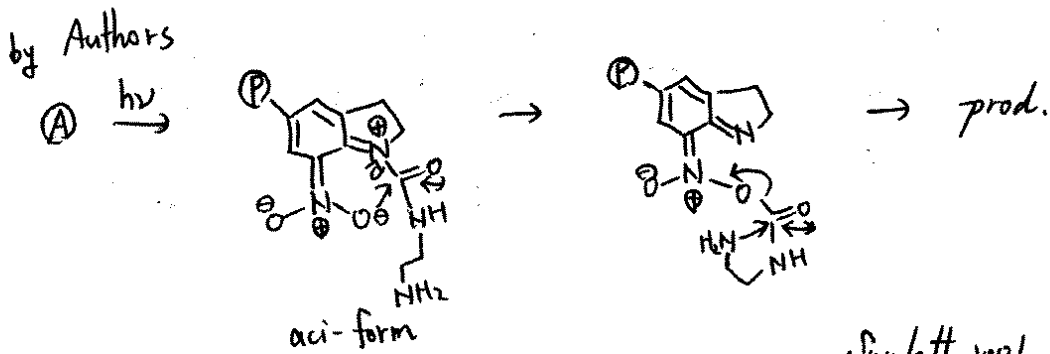
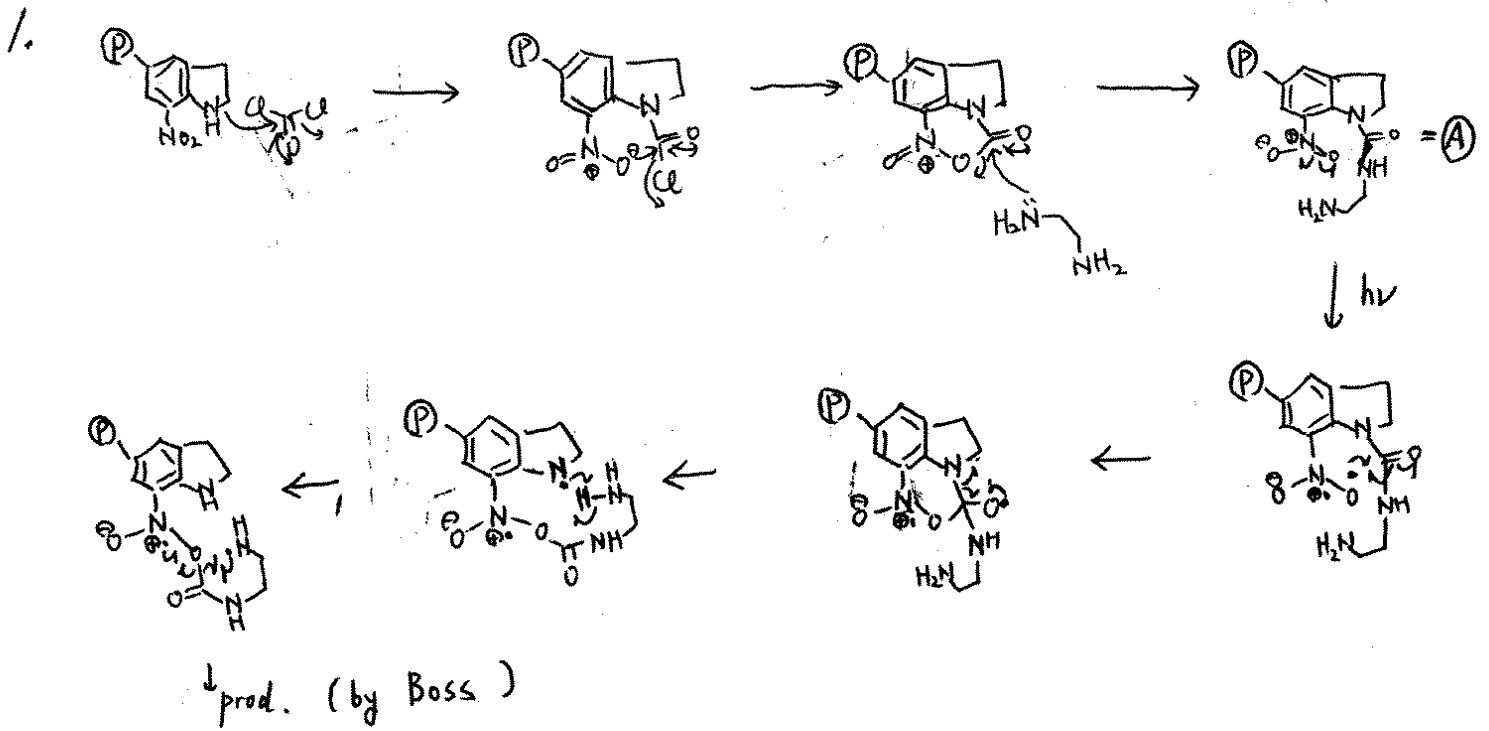
09/12/2001



5. つぎ

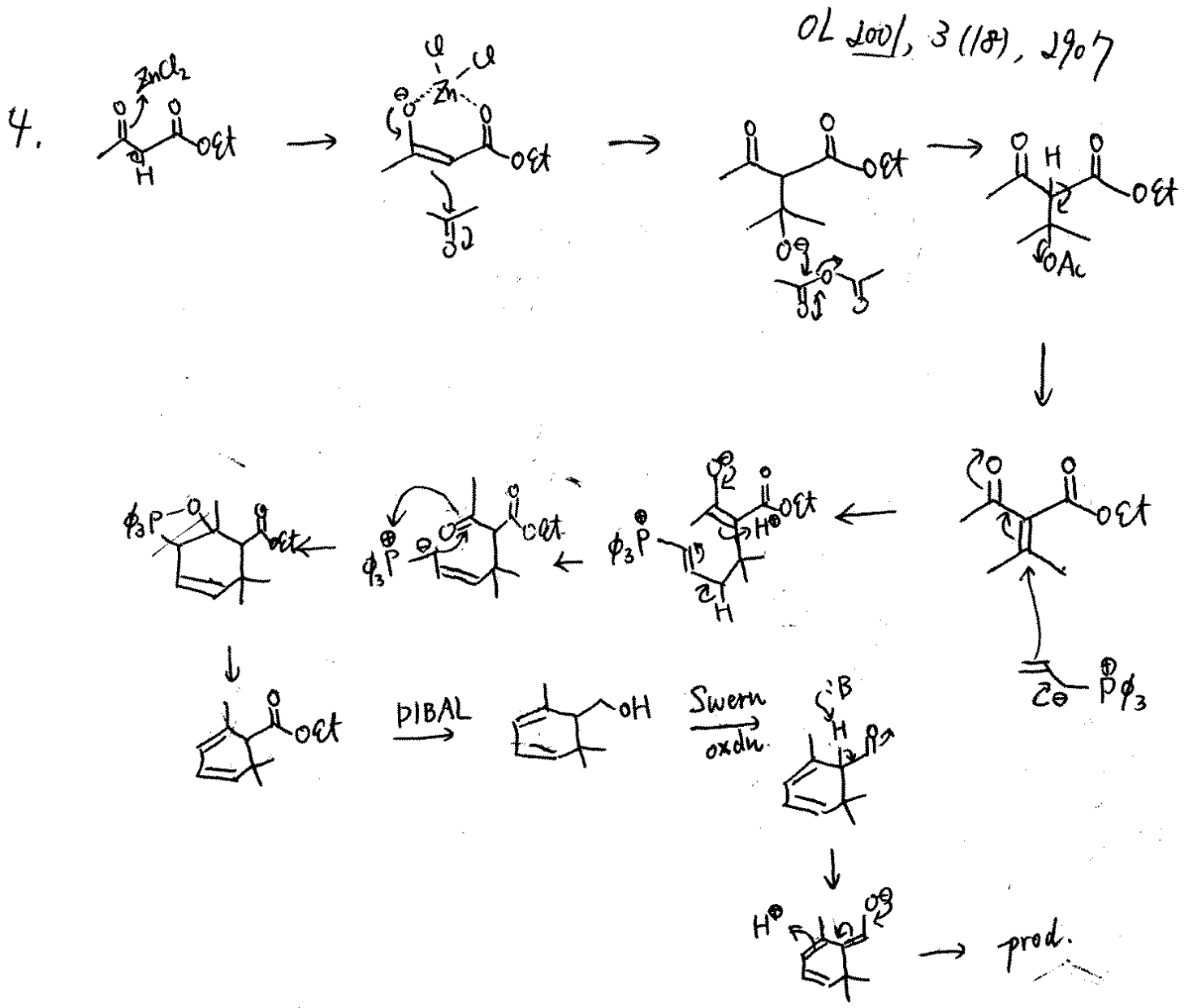
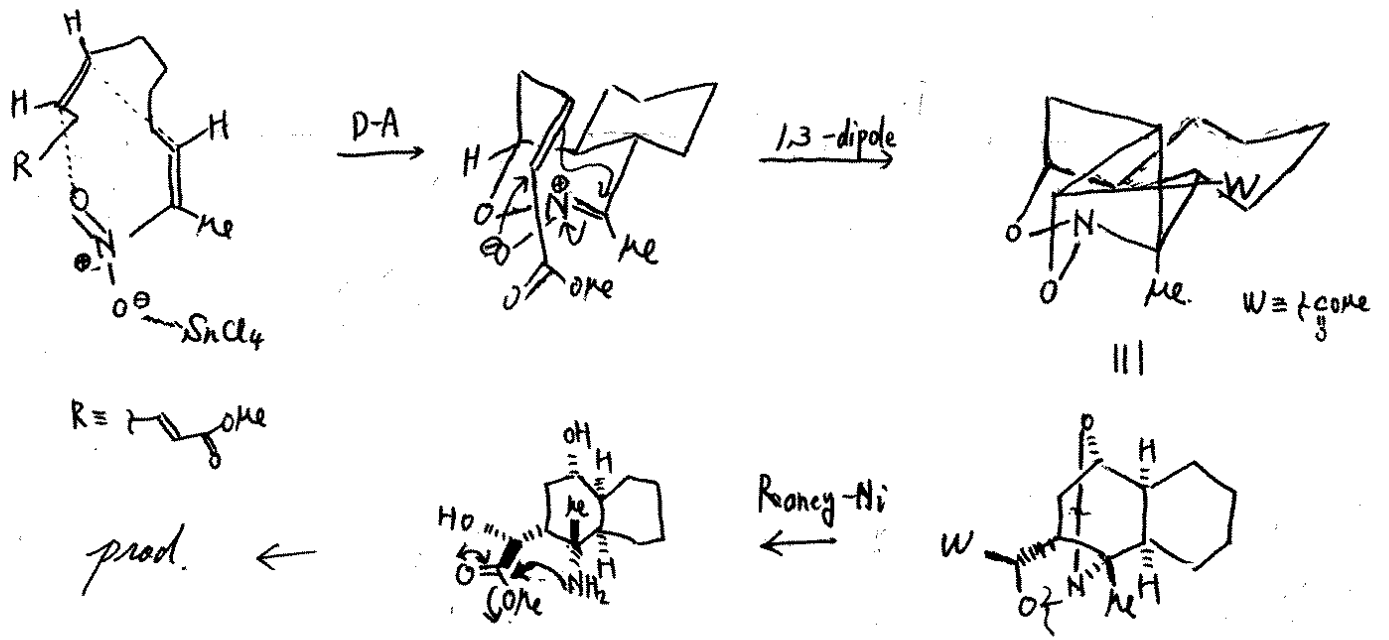


$\xrightarrow{-H^+}$  product.





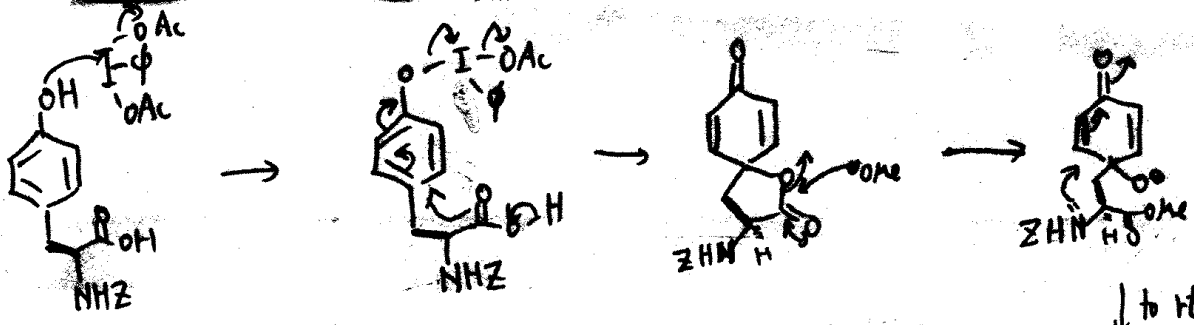
3.



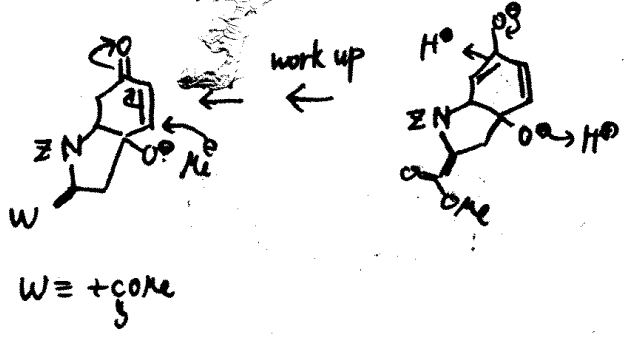
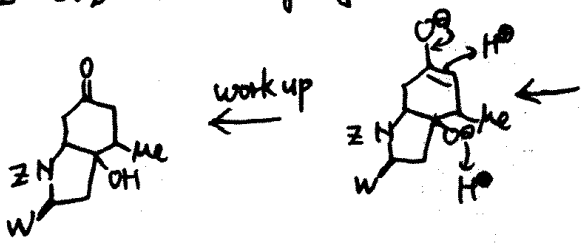
OL 100/1, 3 (18), 1907

T.L 1997, 38(44), 7793-6

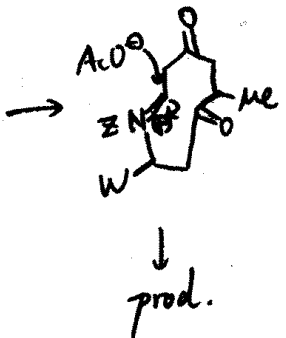
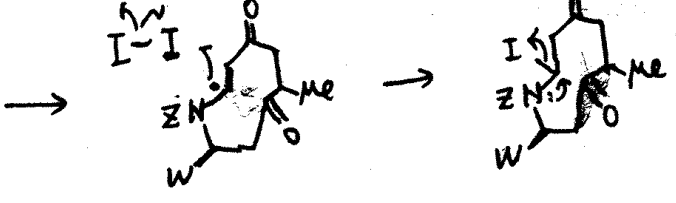
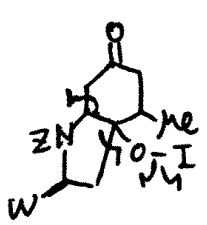
5.



Z = Cbz = carbobenzyloxy



$\phi I(OAc)_2$   
 $I_2$

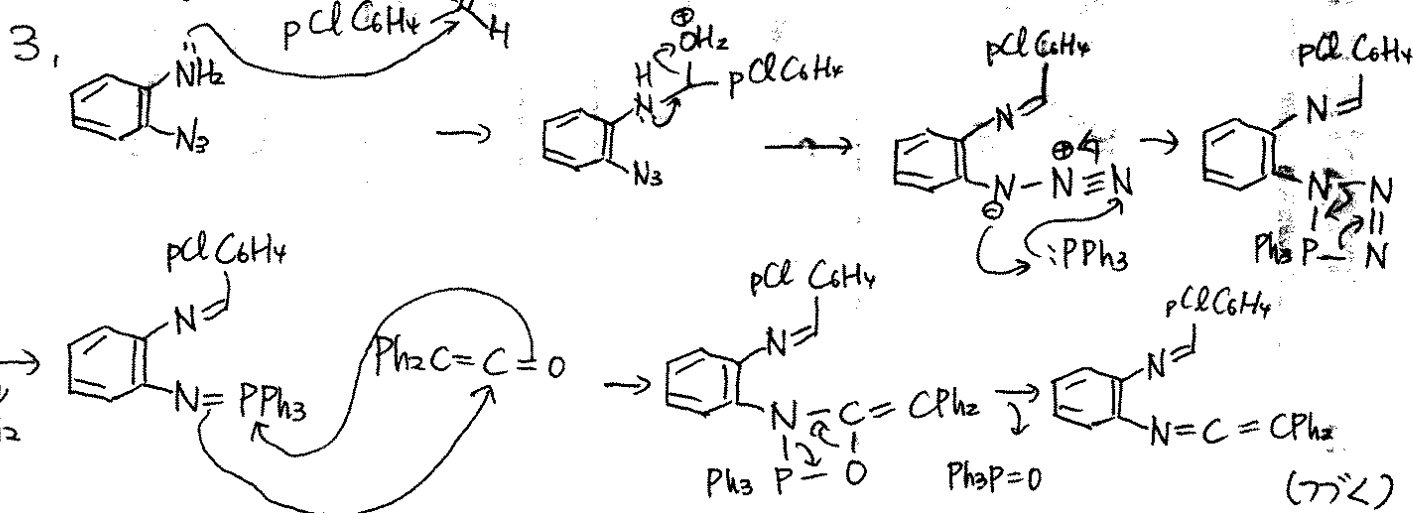
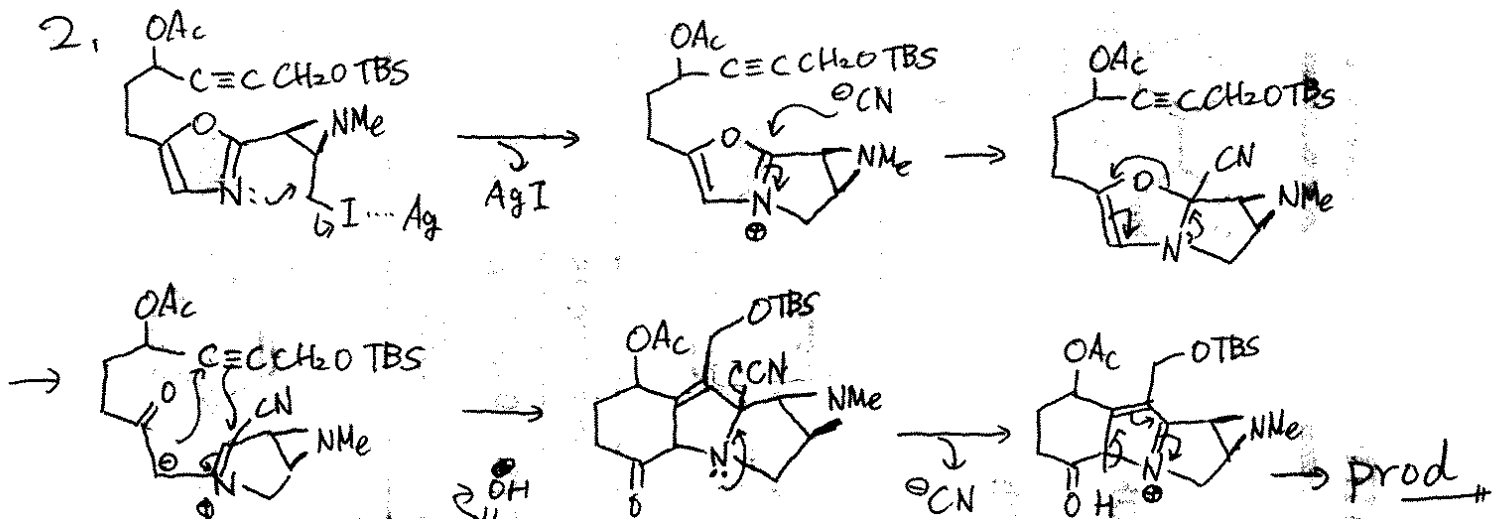
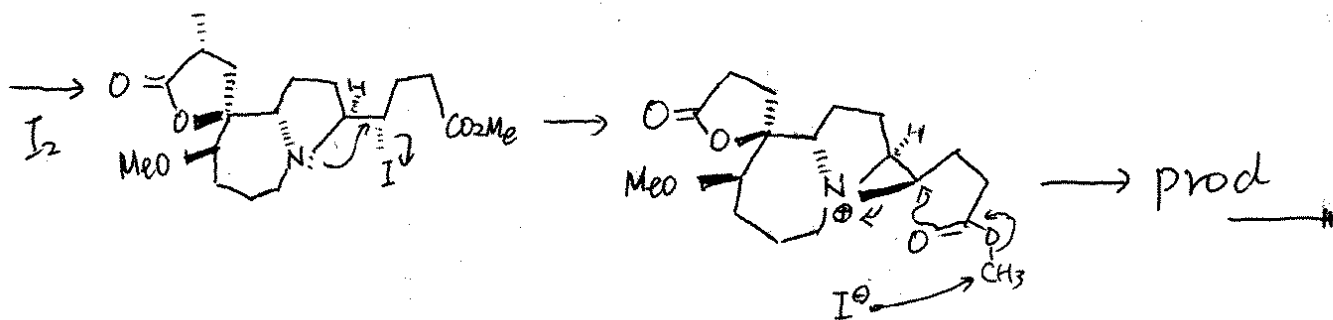
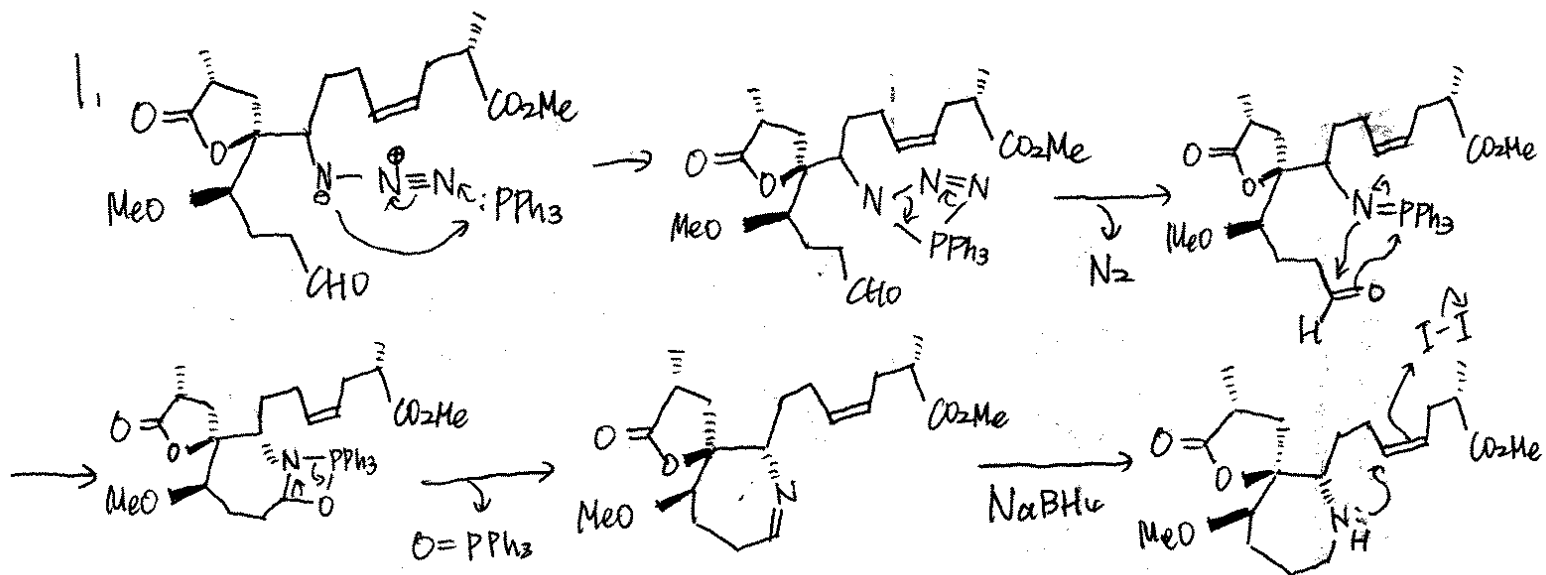


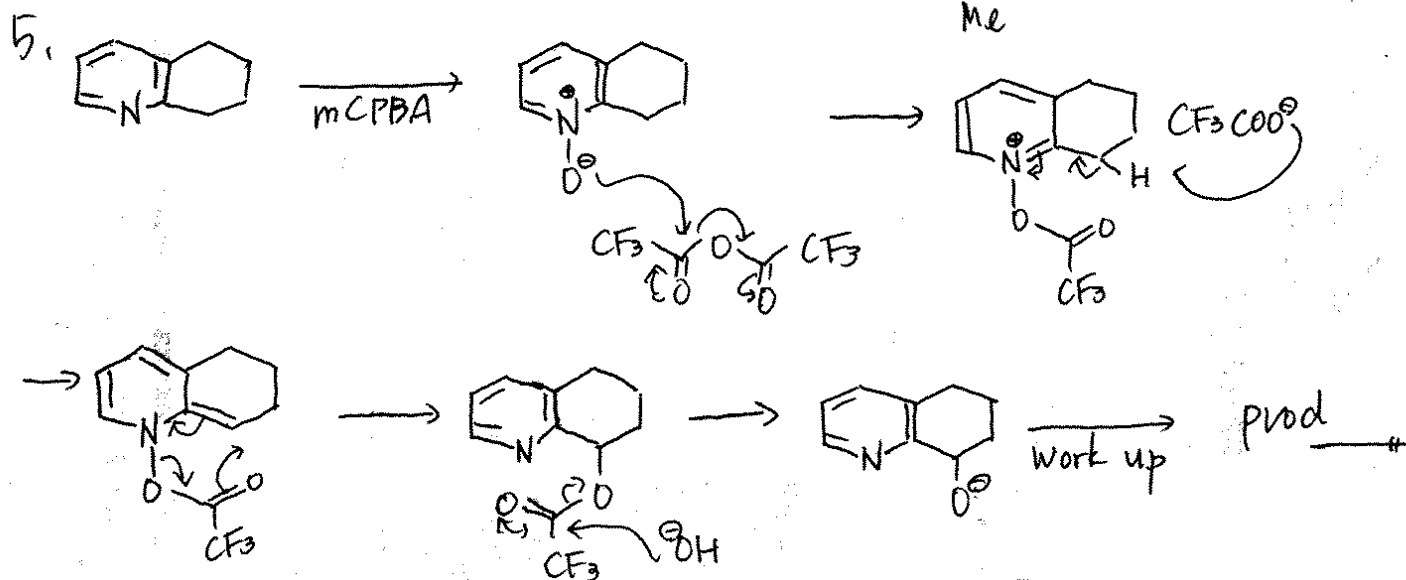
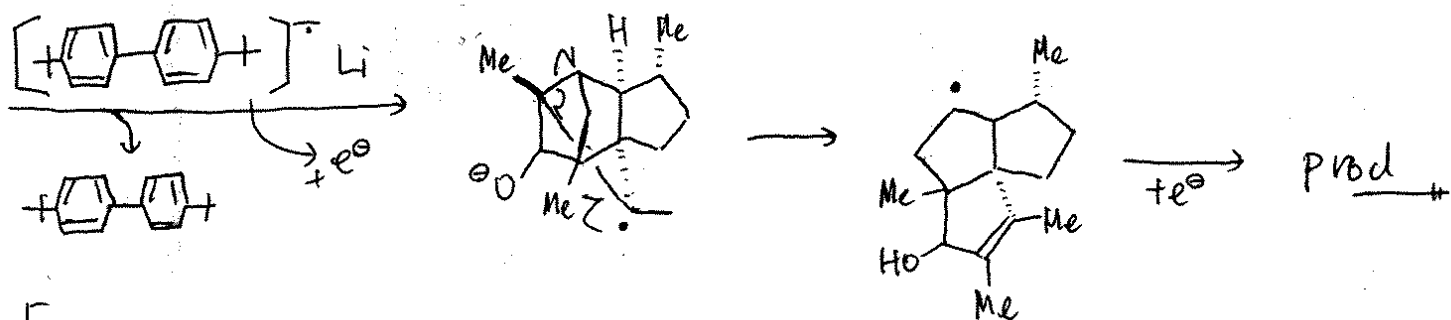
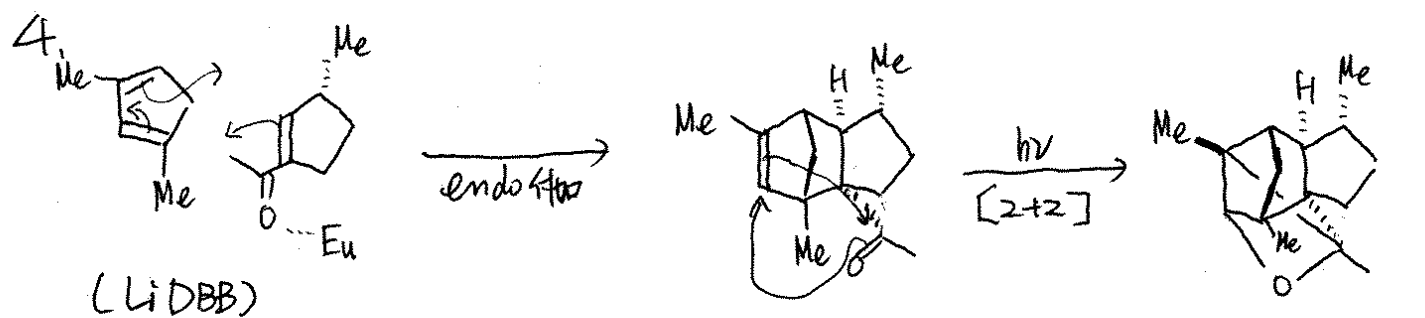
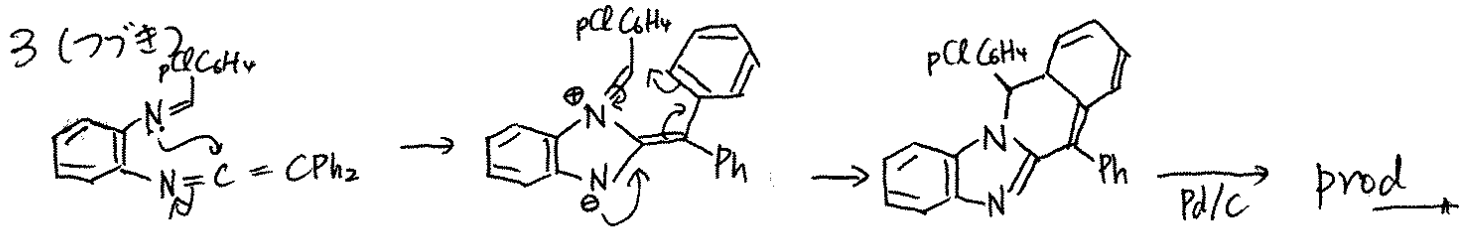
prod.

JOC 1999, 64, 4576

# Group Meeting Problems Solution

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出典

1. OL, 2001, Vol 3, 17, 2725 ~ 2728
2. JACS, 2000, 122, 5401 ~ 5402
3. TL, 1999, 6127
4. OL, 2000, vol 2, No 17, 2711 ~ 2712
5. Syn. Commun, 1995, 25, 629