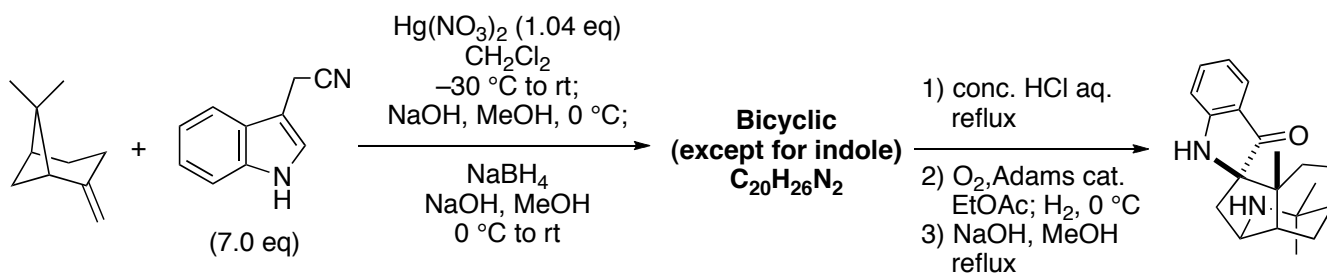


# Fukuyama Group - Group Meeting Problems

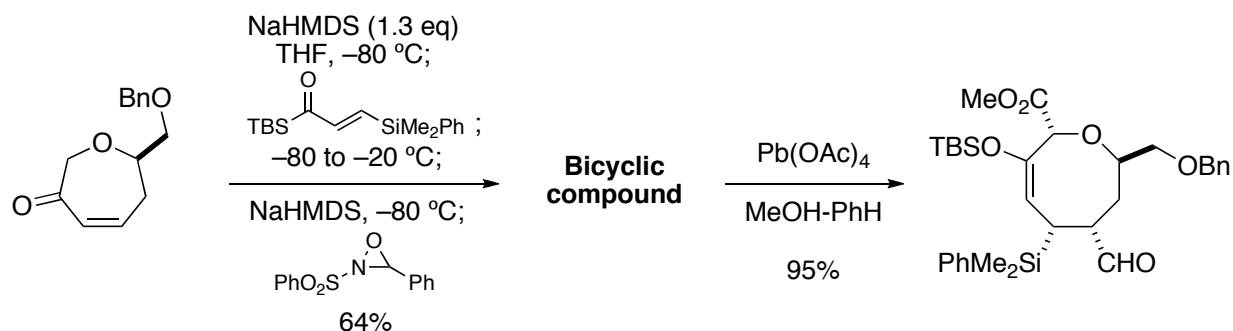
09/03/2008

1



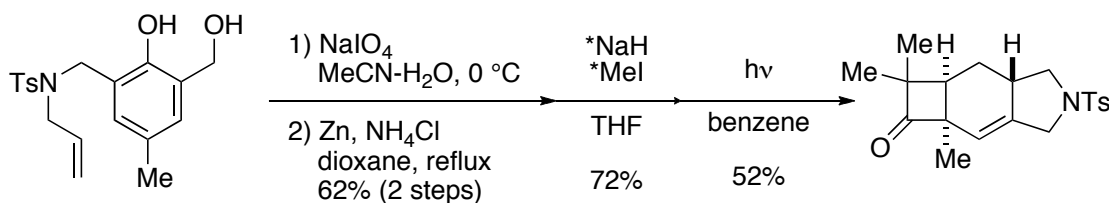
C. H. Heathcock *et al.*, *J. Org. Chem.*, **58**, 564 (1993)

2



K. Takeda *et al.*, *Org. Lett.*, **10**, 1803 (2008)

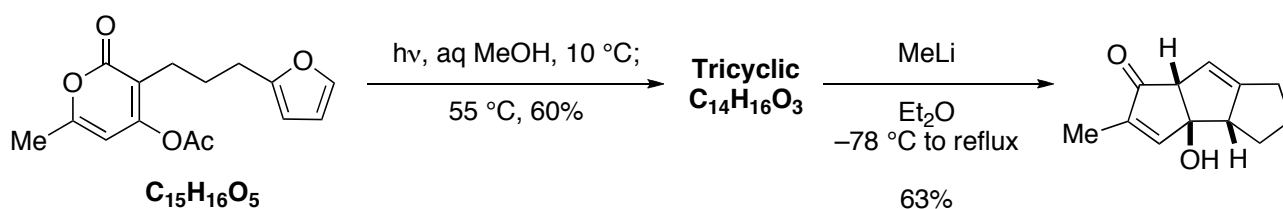
3



\*theoretically amount: 1 eq.

V. Singh *et al.*, *Synlett*, 1222 (2008)

4

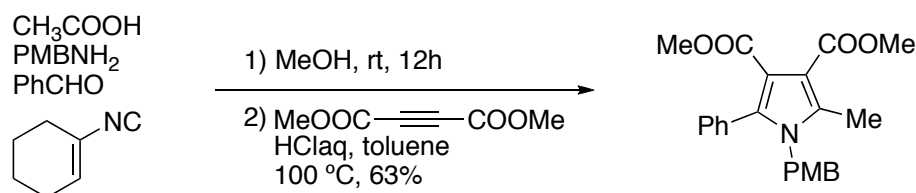


F. G. West *et al.*, *Org. Lett.*, **10**, 3733 (2008)

# Fukuyama Group - Group Meeting Problems

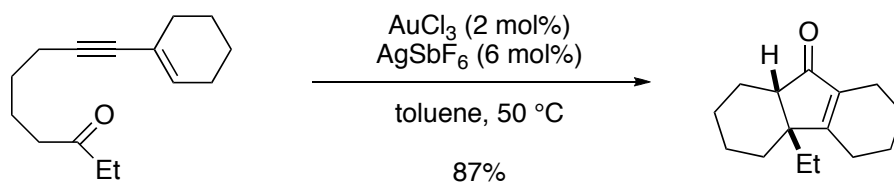
09/24/2008

1



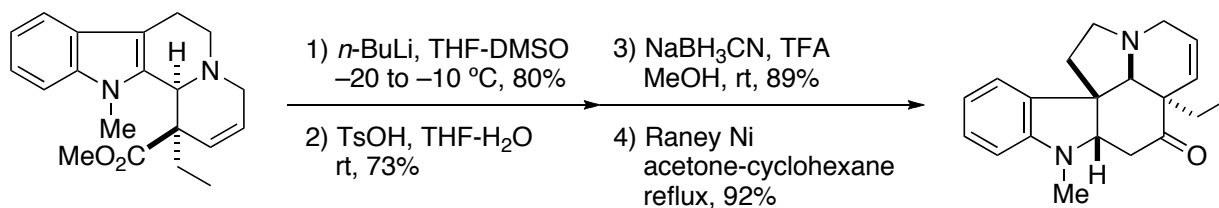
R. W. Armstrong *et al.*, *J. Am. Chem. Soc.*, **118**, 2574 (1996)

2



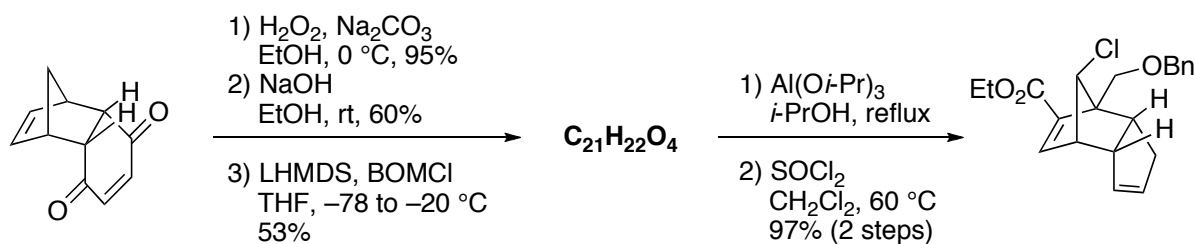
Y. Yamamoto *et al.*, *Org. Lett.*, **10**, 3137 (2008)

3



Y. Langlois, *J. Org. Chem.*, **50**, 961 (1985)

4



D. Y. Gin *et al.*, *Angew. Chem. Int. Ed.*, **47**, 6821 (2008)