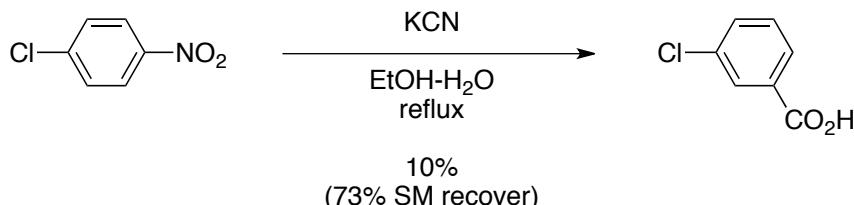


Fukuyama Group - Group Meeting Problems

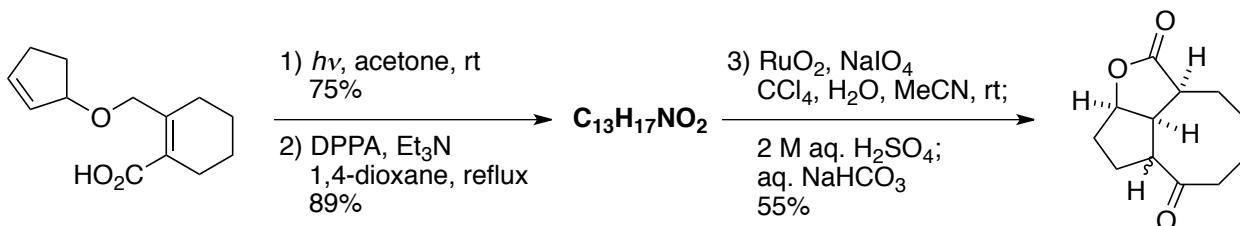
07/07/2012

1



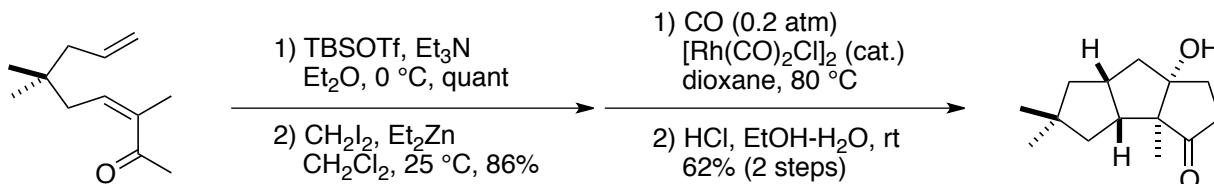
von Richter, V. et al., *Ber.*, **4**, 459 (1871)
von Richter, V. et al., *Ber.*, **4**, 553 (1871)
J. F. Bunnett et al., *J. Org. Chem.*, **21**, 944 (1956)

2



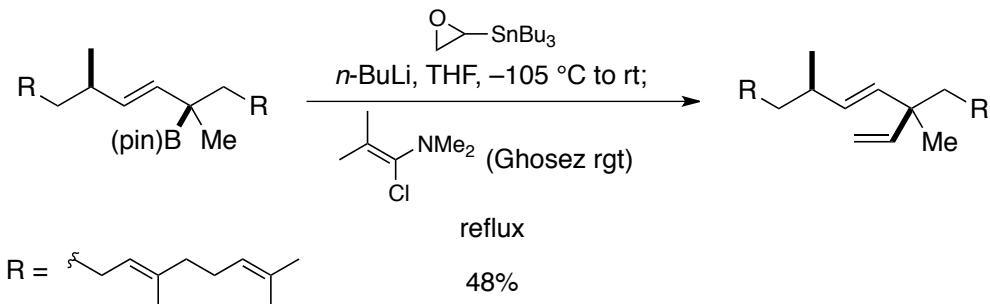
J. K. Cowell et al., *Tetrahedron Lett.*, **37**, 2177 (1996)

3



Z. Yu et al., *J. Am. Chem. Soc.*, **130**, 4421 (2008)

4

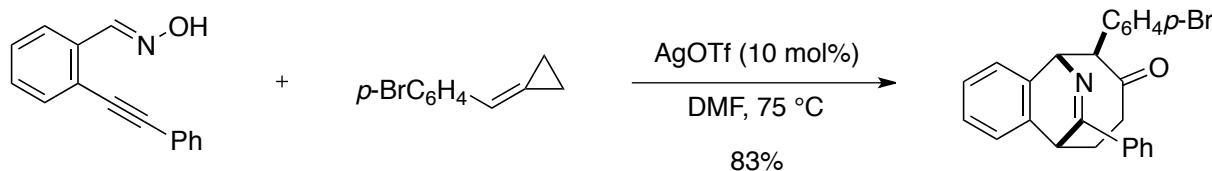


V. K. Aggarwal et al., *J. Am. Chem. Soc.*, **134**, 7570 (2012)

Fukuyama Group - Group Meeting Problems

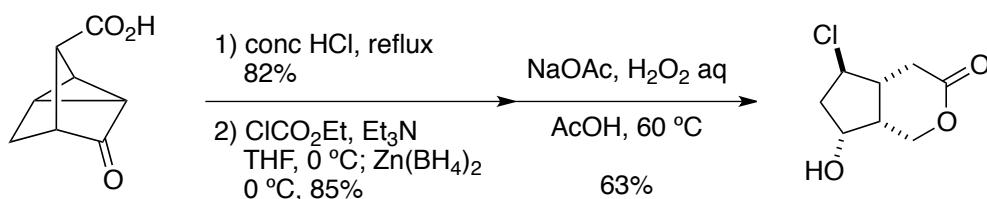
07/11/2012

1



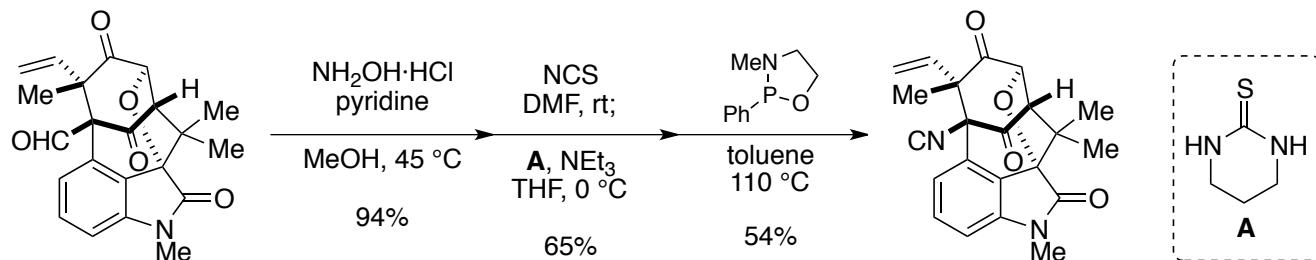
J. Wu *et al.*, *Org. Lett.*, **14**, 3430 (2012)

2



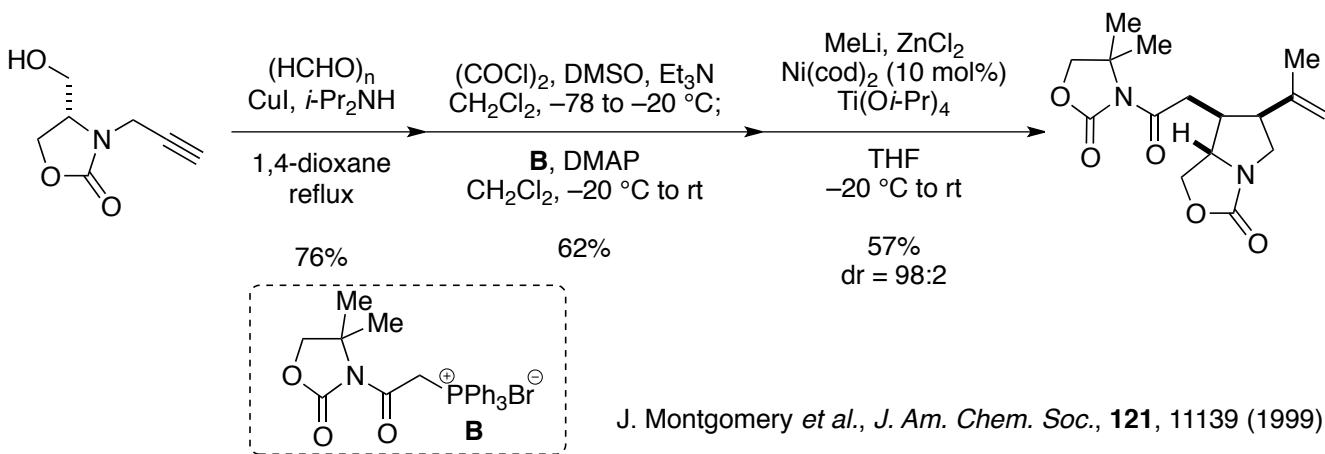
G. Helmchen *et al.*, *Eur. J. Org. Chem.*, 2551 (2008)

3



V. H. Rawal *et al.*, *J. Am. Chem. Soc.*, **133**, 5798 (2011)

4

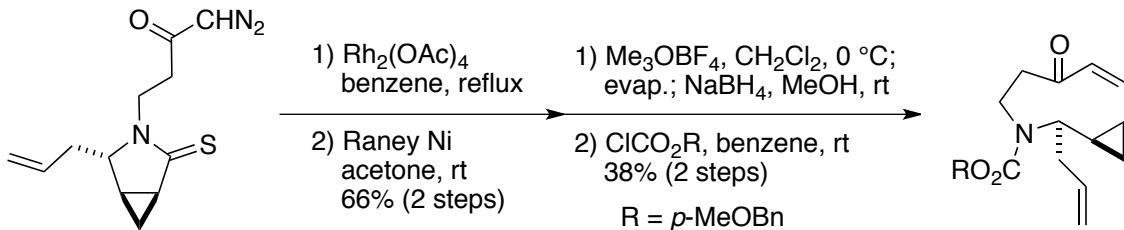


J. Montgomery *et al.*, *J. Am. Chem. Soc.*, **121**, 11139 (1999)

Fukuyama Group - Group Meeting Problems

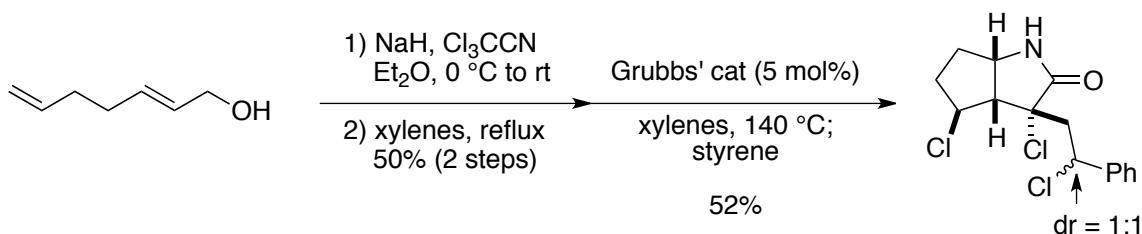
07/18/2012

1



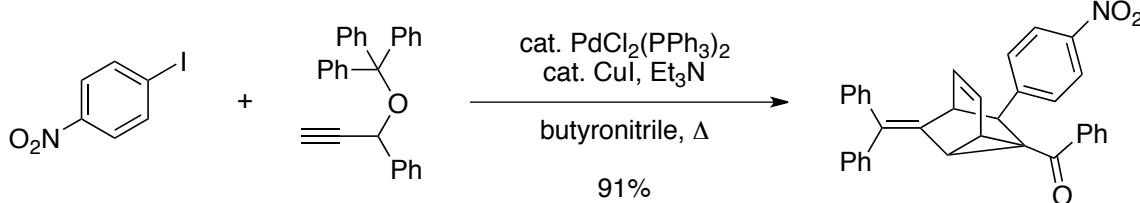
S. J. Danishefsky *et al.*, *J. Am. Chem. Soc.*, **115**, 30 (1993)

2



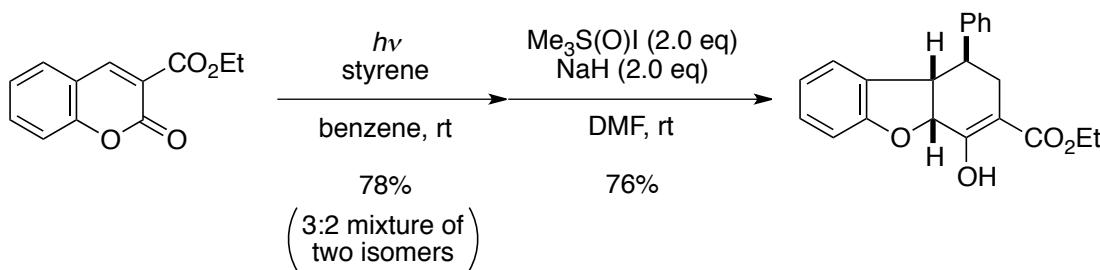
M. L. Snapper *et al.*, *J. Am. Chem. Soc.*, **127**, 16329 (2005)

3



T. J. J. Muller *et al.*, *Chem. Commun.*, 4096 (2006)

4



S. Ohta *et al.*, *Org. Biomol. Chem.*, **3**, 2296 (2005)