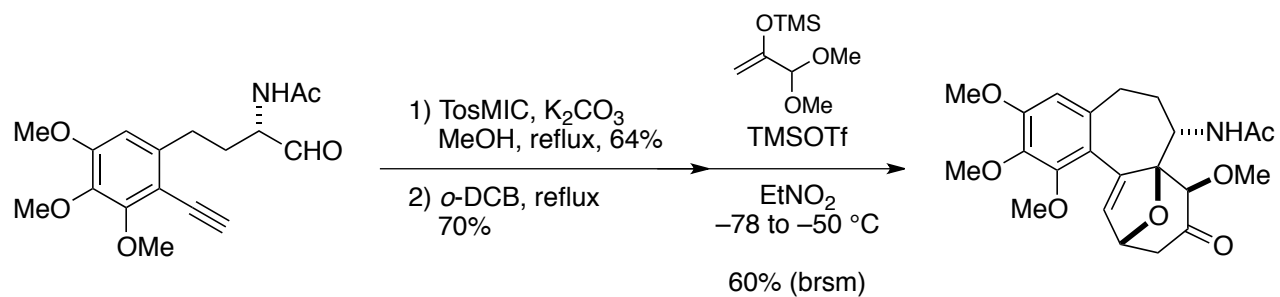


# Fukuyama Group - Group Meeting Problems

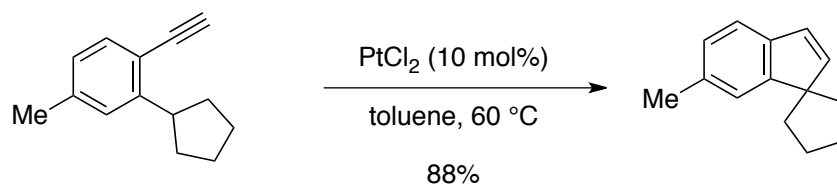
08/01/2015

1



J. C. Lee and J. K. Cha, *Tetrahedron*, **56**, 10175 (2000)

2

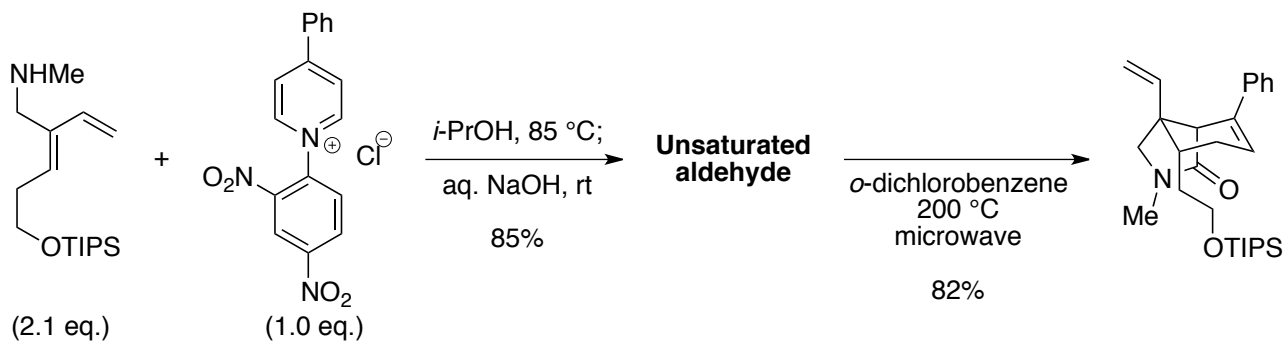


N. Chatani *et al.*, *J. Org. Chem.*, **74**, 5471 (2009)

# Fukuyama Group - Group Meeting Problems

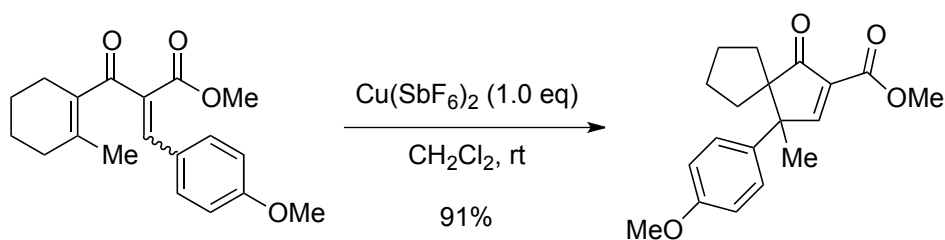
08/19/2015

1



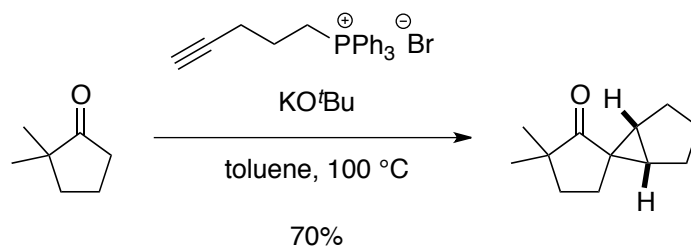
C. D. Vanderwal *et al.*, *Tetrahedron Lett.*, **56**, 3165 (2015)

2



A. J. Frontier *et al.*, *J. Am. Chem. Soc.*, **129**, 8060 (2007)

3

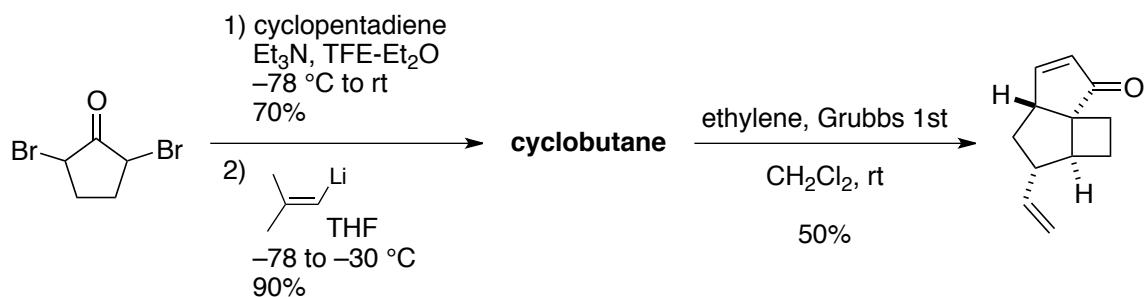


H. Hamersma *et al.*, *Tetrahedron Lett.*, **35**, 335 (1994)

# Fukuyama Group - Group Meeting Problems

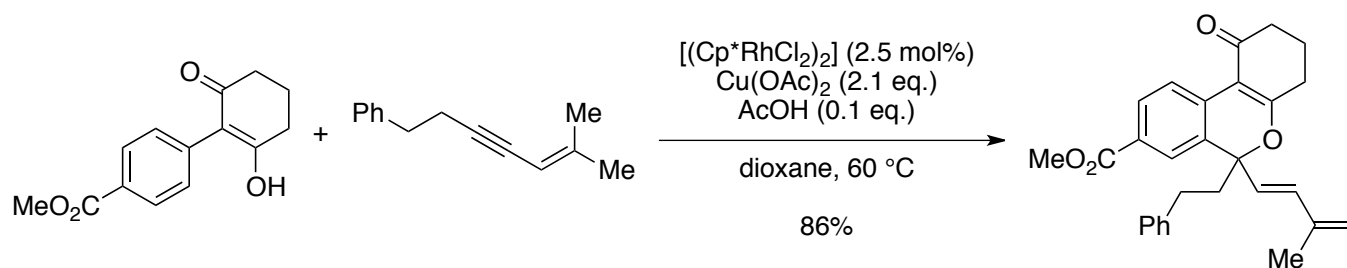
08/29/2015

1



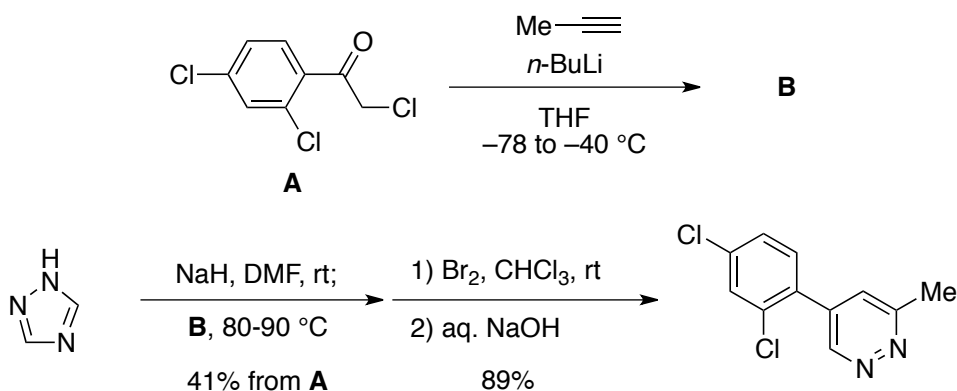
M. Harmata *et al.*, *Org. Lett.*, **7**, 2563 (2005)

2



D. J. Burns and H. W. Lam, *Angew. Chem. Int. Ed.*, **53**, 9931 (2015)

3



P. J. Crowley *et al.*, *Tetrahedron*, **62**, 8966 (2006)