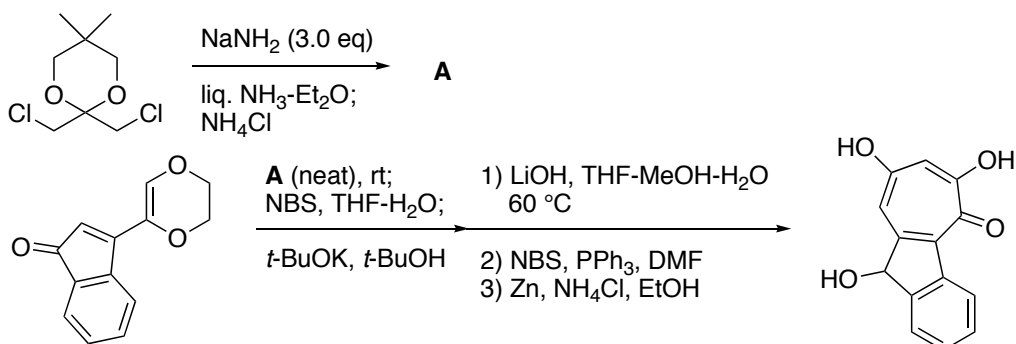


# Fukuyama Group - Group Meeting Problems Ver.2

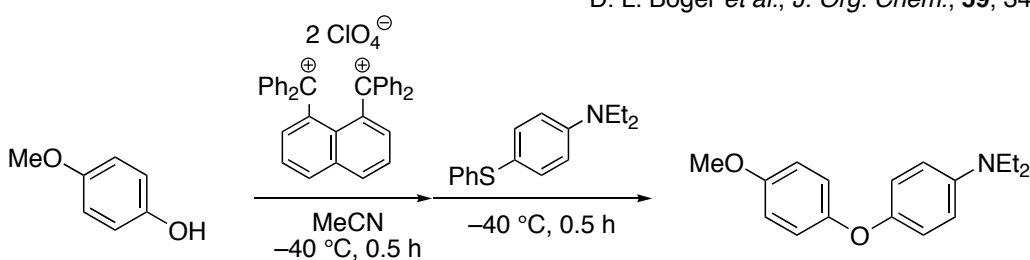
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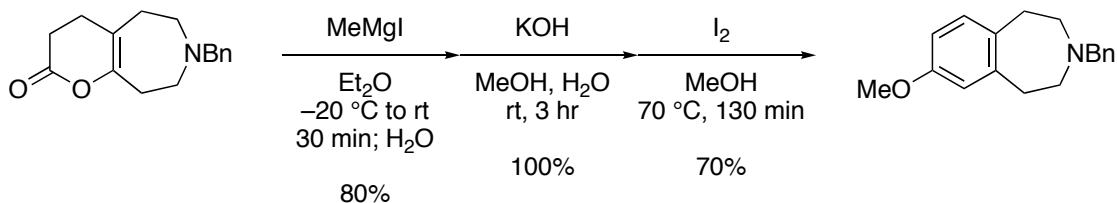
E. Nakamura *et al.*, *Tetrahedron Lett.*, **48**, 2045 (1992)  
 D. L. Boger *et al.*, *J. Org. Chem.*, **59**, 3453 (1994)

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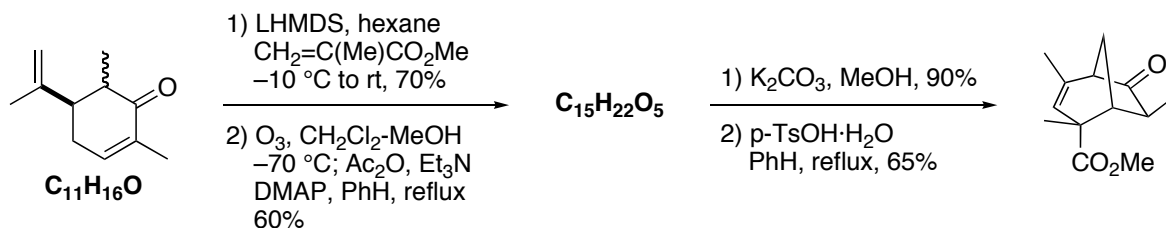
J. Ichikawa *et al.*, *J. Am. Chem. Soc.*, **127**, 9696 (2005)

3



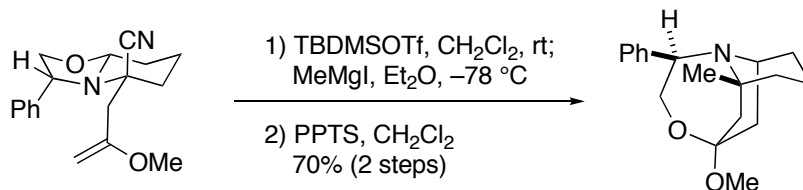
J. Richard Heys *et al.*, *J. Org. Chem.*, **54**, 4702 (1989)

4



A. Srikrishna *et al.*, *Tetrahedron Lett.*, **47**, 363 (2006)

5

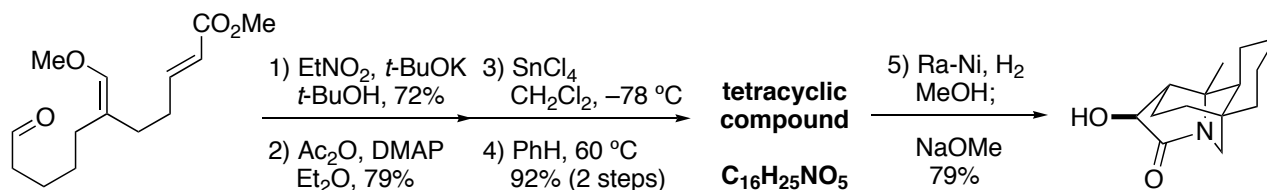


H. -P. Husson *et al.*, *J. Org. Chem.*, **57**, 4211 (1992)

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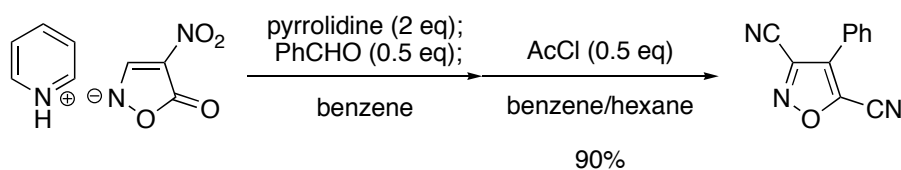
01/18/2006

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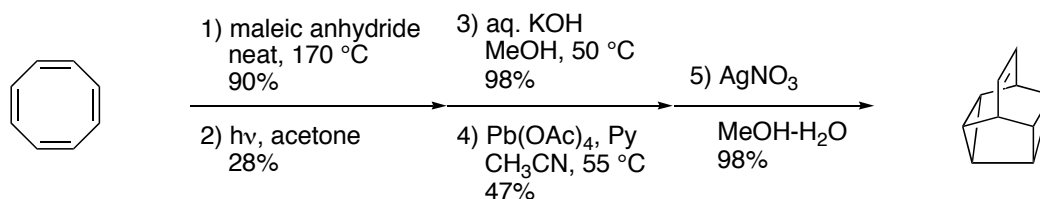
S. C. Denmark *et al.*, *J. Org. Chem.*, ASAP

2



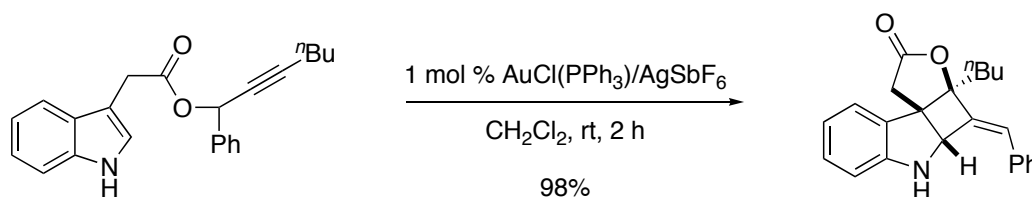
M. Ariga *et al.*, *J. Org. Chem.*, **64**, 6476 (1999)

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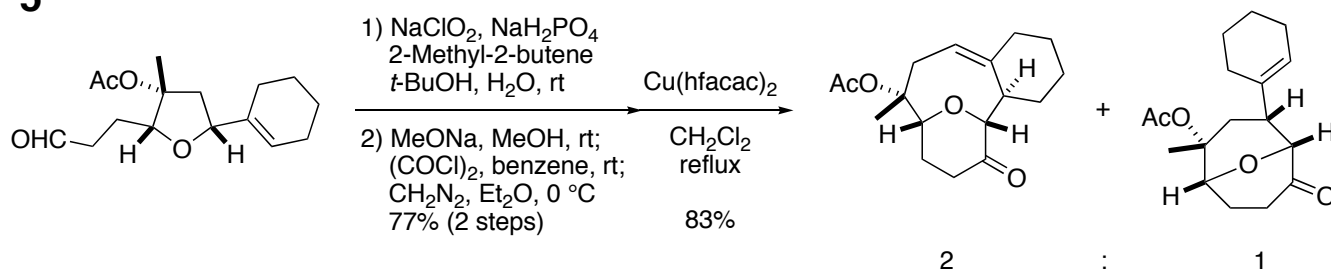
S. F. Nelsen *et al.*, *J. Am. Chem. Soc.*, **113**, 7882 (1991)  
 W. G. Dauben *et al.*, *J. Am. Chem. Soc.*, **93**, 1446 (1971)

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L. Zhang, *J. Am. Chem. Soc.*, **127**, 16804 (2005)

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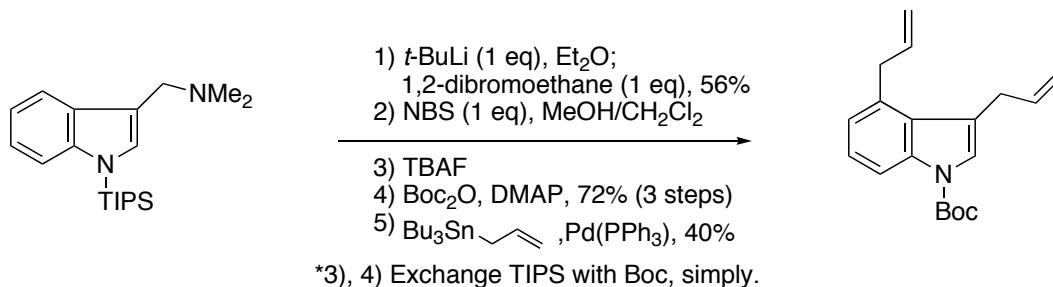


J. L. Castro *et al.*, *Synthesis*, 3398 (2005)

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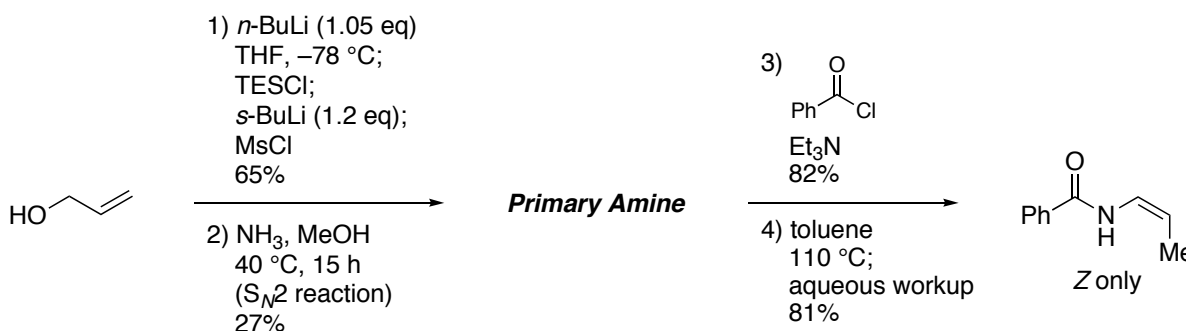
01/25/2006

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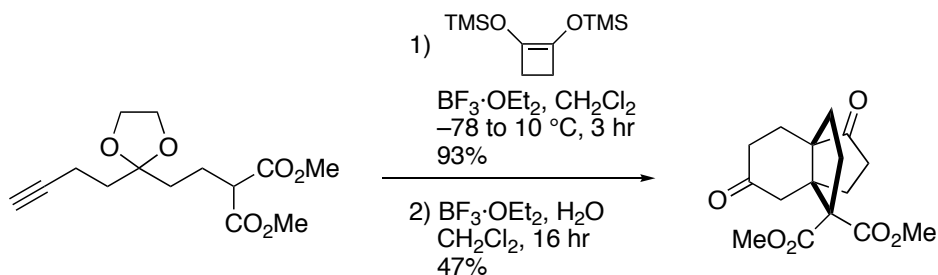
Snieckus, V. *et al.*, *Org. Lett.*, **4**, 815 (2002)

2



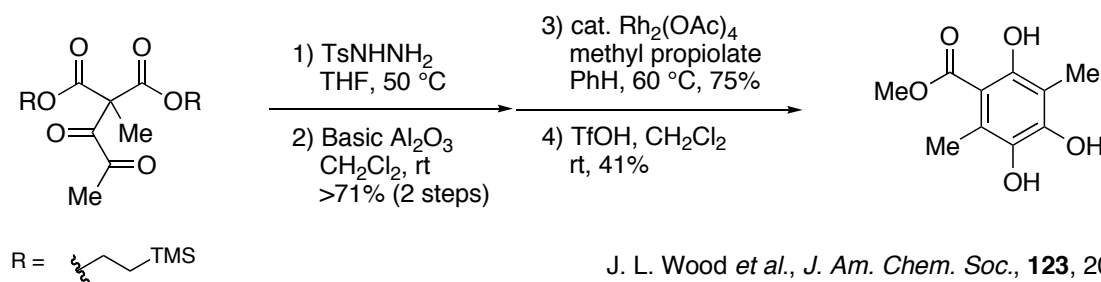
Danishefsky, S. J. *et al.*, *J. Am. Chem. Soc.*, **126**, 6347 (2004)

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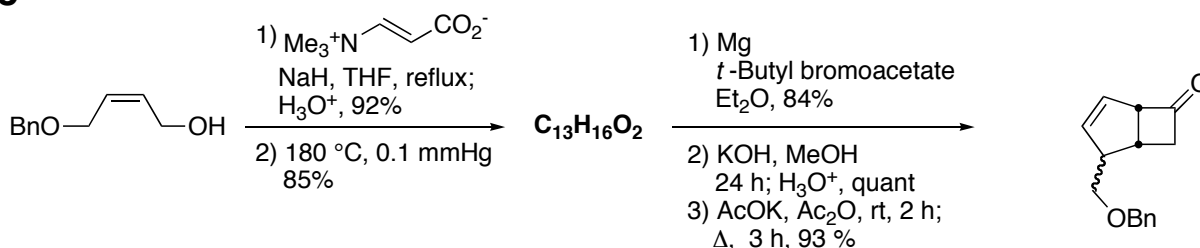
Curran, D. P. *et al.*, *J. Org. Chem.*, **60**, 345 (1995)

4



J. L. Wood *et al.*, *J. Am. Chem. Soc.*, **123**, 2097 (2001)

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Rosini, G. *et al.*, *Org. Lett.*, **2**, 4145 (2000)