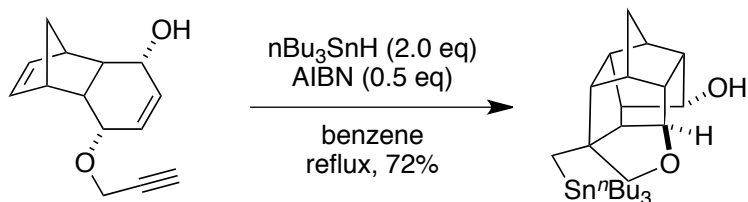


# Fukuyama Group - Group Meeting Problems (Nagoya)

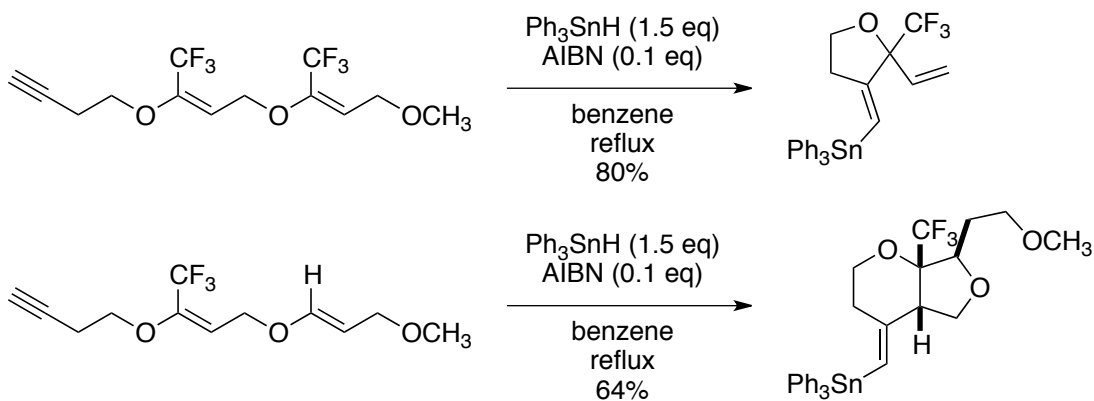
10/03/2012

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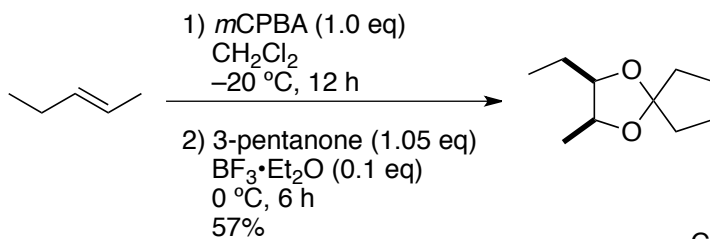
S. J. Gharpure *et al.*, *Tetrahedron Lett.*, **50**, 7162 (2009)

2



J. E. Wulff *et al.*, *J. Org. Chem.*, ASAP; doi: 10.1021/jo301565u

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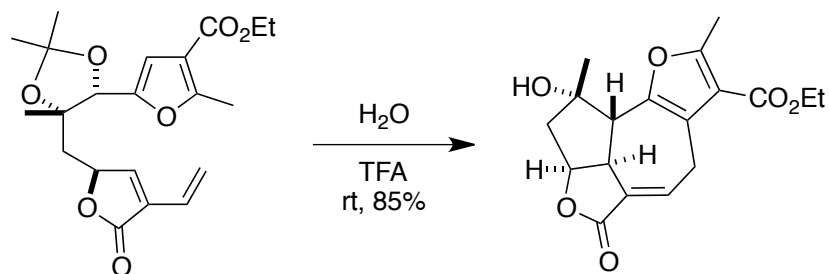


C. R. Unelius *et al.*, *Org. Lett.*, **12**, 5601 (2010)

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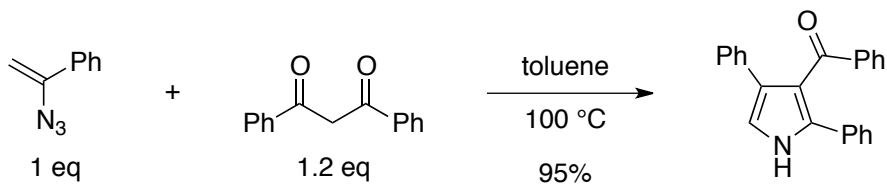
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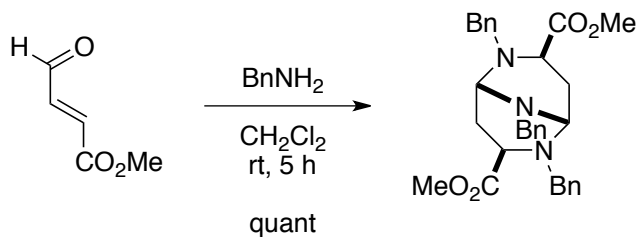
G. Pattenden *et al.*, *Tetrahedron Lett.*, **50**, 7310 (2009)

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S. Chiba *et al.*, *Tetrahedron*, **67**, 7728 (2011)

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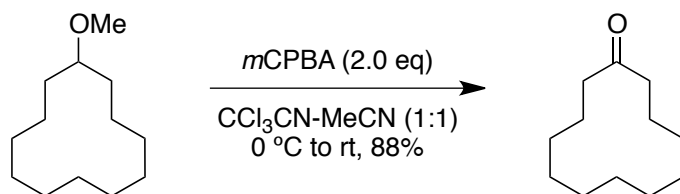


K. Tanaka *et al.*, *Tetrahedron Lett.*, **53**, 5899 (2012)

# Fukuyama Group - Group Meeting Problems (Nagoya)

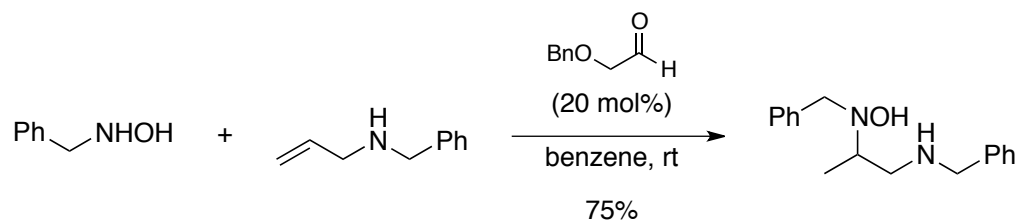
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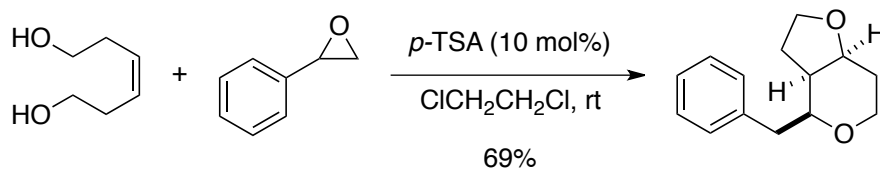
M. Inoue *et al.*, *Org. Lett.*, **12**, 4195 (2010)

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A. M. Beauchemin *et al.*, *J. Am. Chem. Soc.*, **134**, 16571 (2012)

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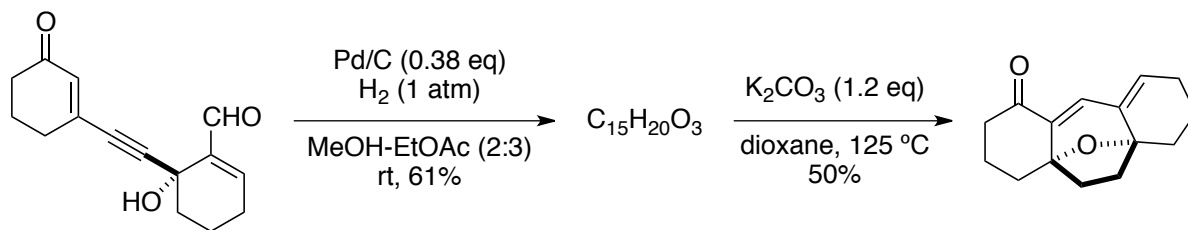


J. S. Yadav *et al.*, *J. Org. Chem.*, **75**, 2081 (2010)

# Fukuyama Group - Group Meeting Problems (Nagoya)

10/24/2012

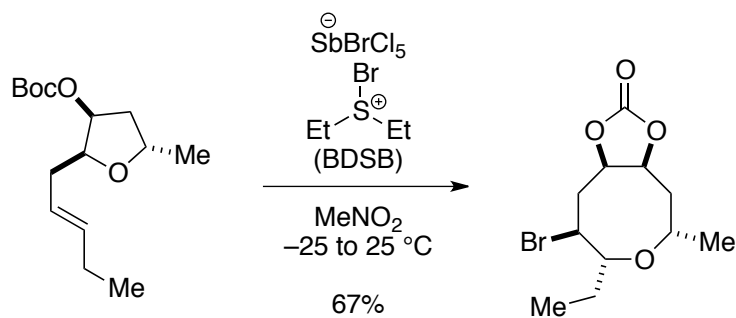
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Chemical Formula: C<sub>15</sub>H<sub>16</sub>O<sub>3</sub>

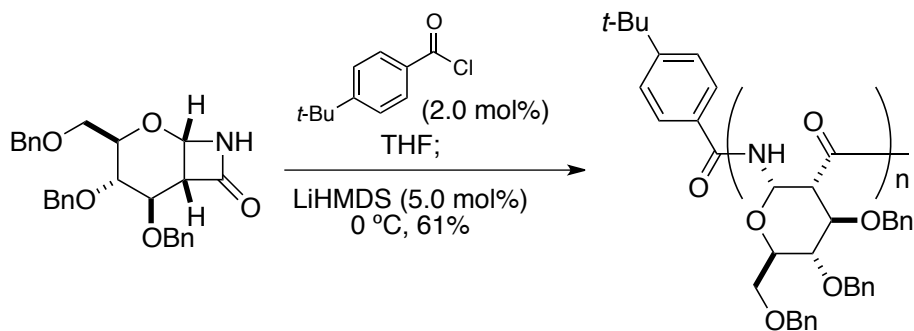
K. C. Nicolaou *et al.*, *J. Am. Chem. Soc.*, **131**, 10587 (2009)

2



S. A. Snyder *et al.*, *J. Am. Chem. Soc.*, **133**, 15898 (2011)

3

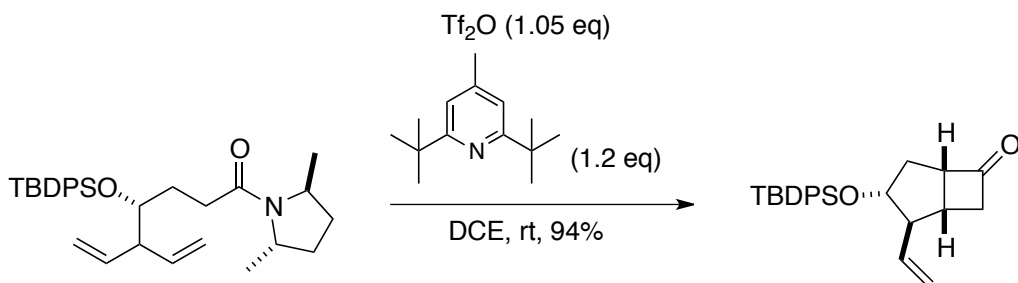


M. W. Grinstaff *et al.*, *J. Am. Chem. Soc.*, **134**, 16255 (2012)

# Fukuyama Group - Group Meeting Problems (Nagoya)

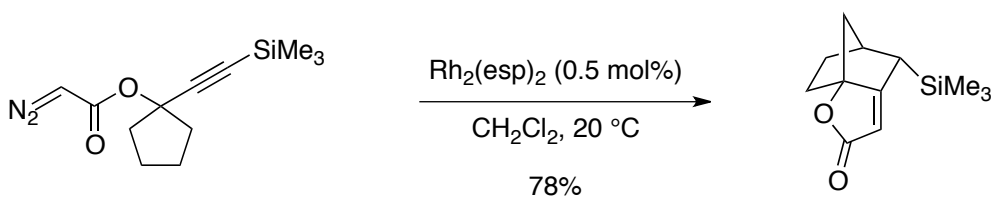
10/31/2012

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L. Ghosez *et al.*, *Tetrahedron*, **59**, 6797 (2003)

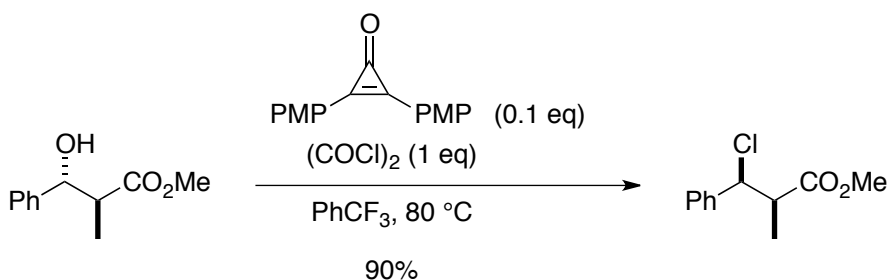
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$\text{Rh}_2(\text{esp})_2 = \text{bis}[\text{rhodium}(\alpha, \alpha, \alpha', \alpha' \text{-tetramethyl-1,3-benzenedipropionic acid})]$

J. A. May *et al.*, *J. Am. Chem. Soc.*, **134**, 17877 (2012)

3



T. H. Lambert *et al.*, *Angew. Chem. Int. Ed.*, **50**, 12222 (2011)