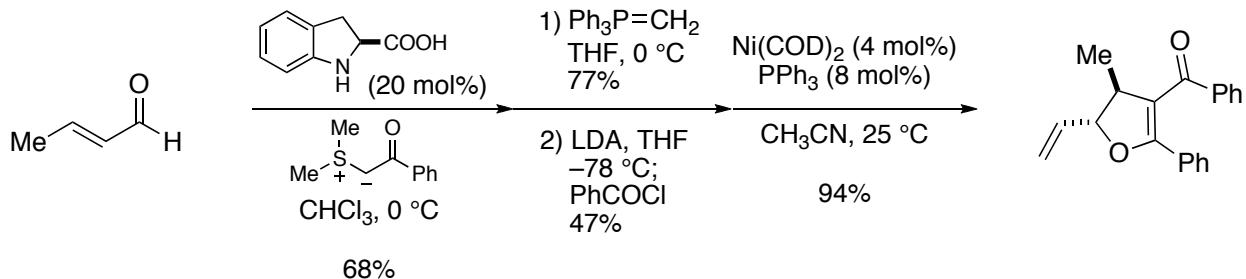


# Fukuyama Group - Group Meeting Problems

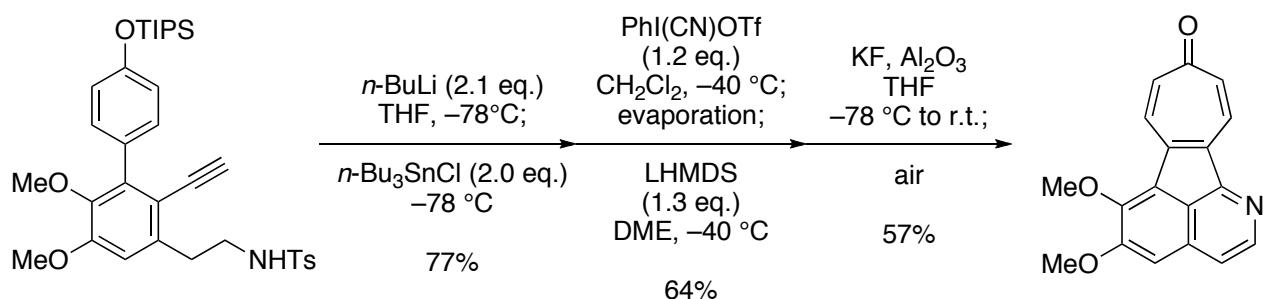
05/01/2010

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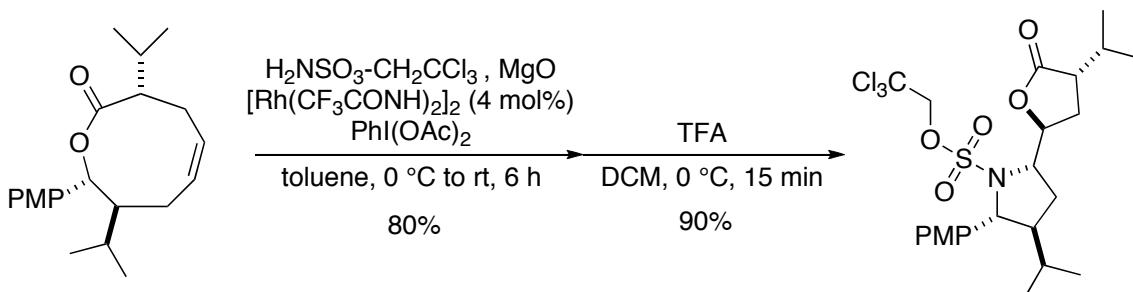
J. S. Johnson *et al.*, *Org. Lett.*, **8**, 573 (2006)

2



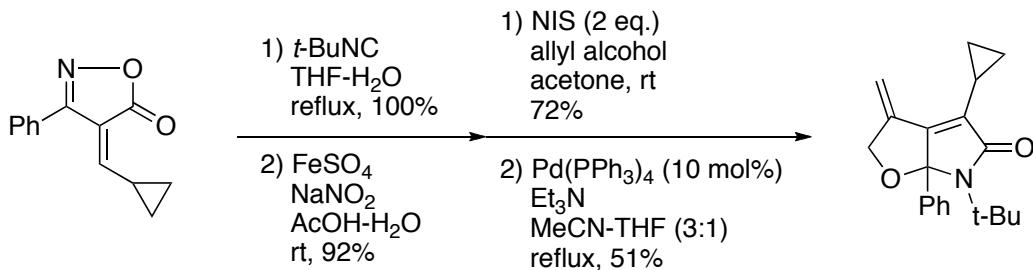
K. S. Feldman *et al.*, *J. Org. Chem.*, **67**, 8528 (2002)

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S. Hanessian *et al.*, *Org. Lett.*, **12**, 1816 (2010)

4

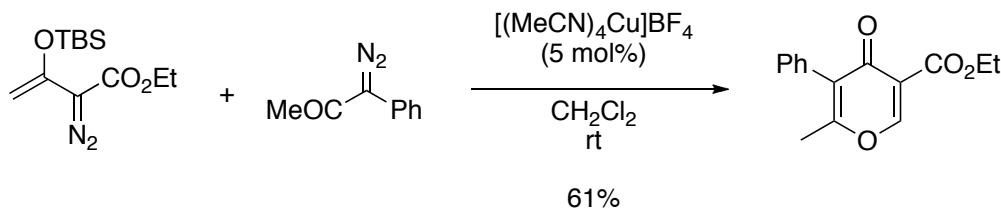


S. Z. Zard *et al.*, *Org. Lett.*, **12**, 416 (2010)

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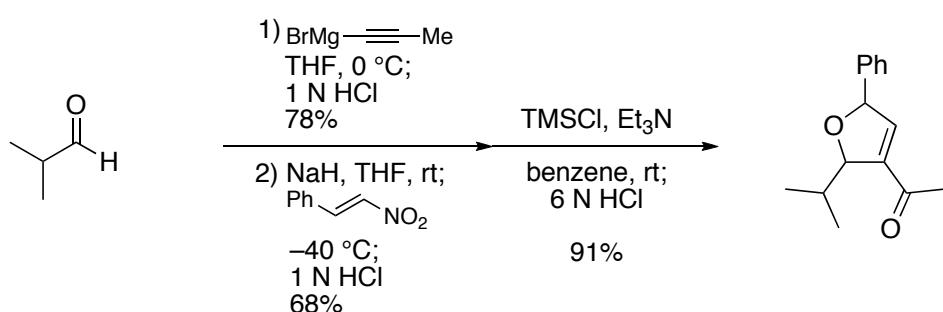
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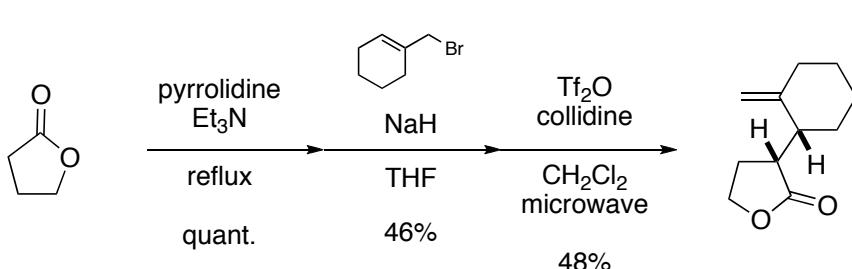
Jose Barluenga *et al.*, *Angew. Chem. Int. Ed.*, **48**, 7569 (2009)

2



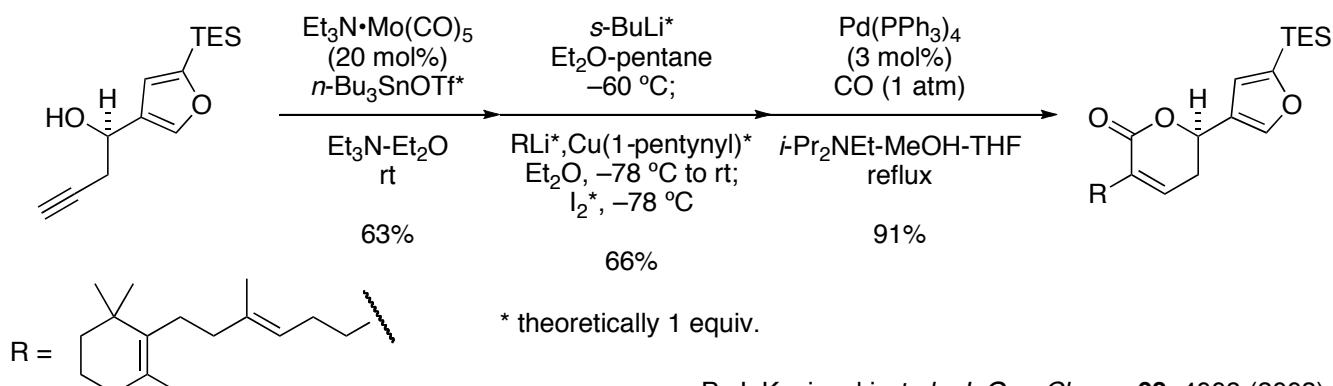
J. L. Duffy-Matzner *et al.*, *Tetrahedron Lett.*, **50**, 6446 (2009)

3



N. Maulide *et al.*, *Angew. Chem. Int. Ed.*, **49**, 1583 (2010)

4



\* theoretically 1 equiv.

P. J. Kocienski *et al.*, *J. Org. Chem.*, **68**, 4008 (2003)