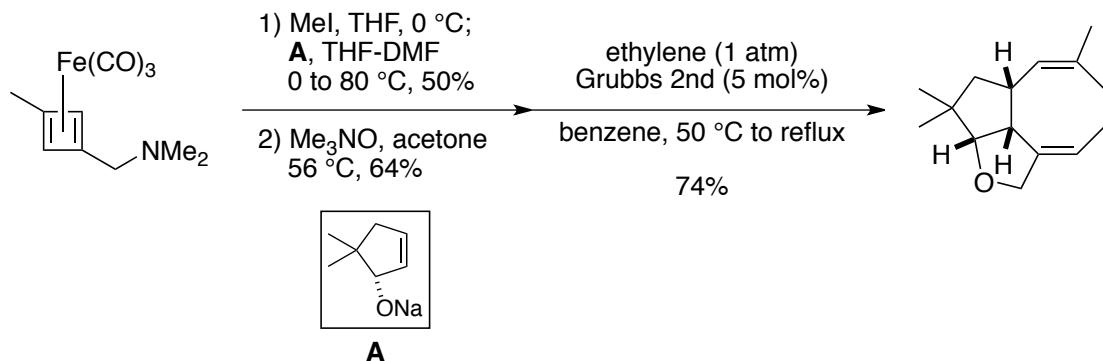


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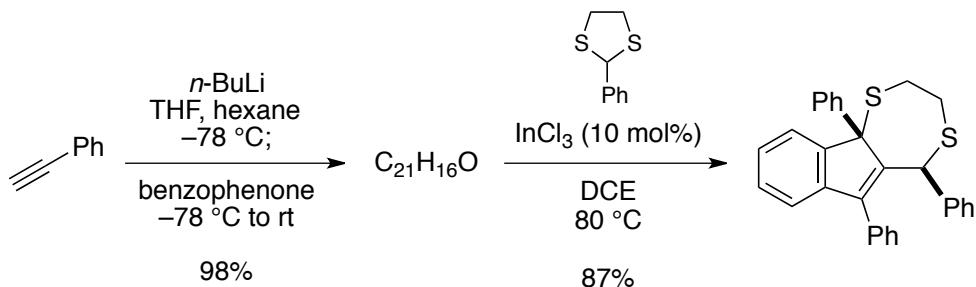
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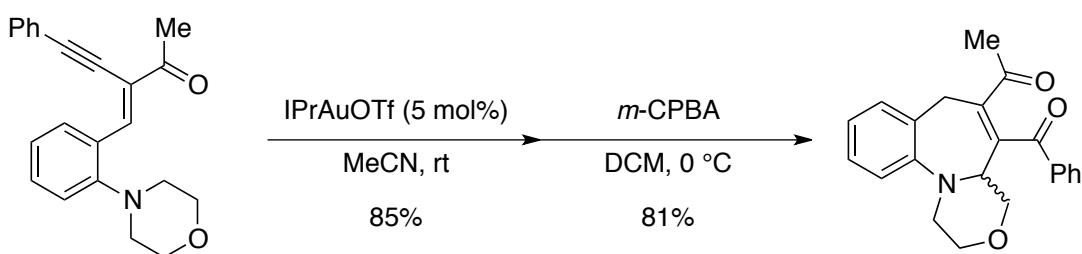
M. L. Snapper *et al.*, *J. Am. Chem. Soc.*, **122**, 8071 (2000)

2



H. Tanimoto *et al.*, *Org. Lett.*, **15**, 5222 (2013)
S. Muthusamy *et al.*, *Chem. Commun.*, **51**, 707 (2015)

3

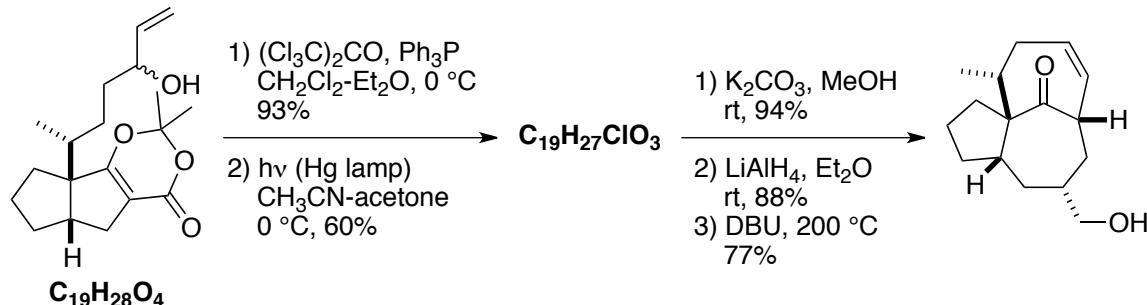


G. Zhou *et al.*, *Chem. Comm.*, **46**, 6593 (2010)

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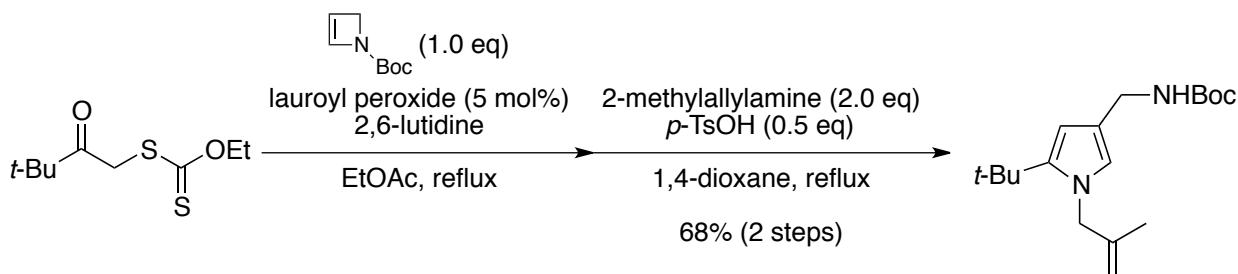
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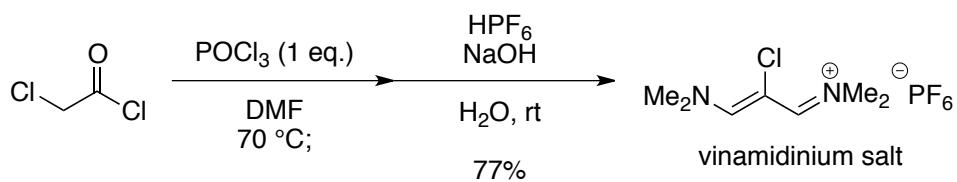
J. D. Winkler *et al.*, *J. Am. Chem. Soc.*, **124**, 9726 (2002)

2



S. Z. Zard *et al.*, *Org. Lett.*, **16**, 1992 (2014)

3

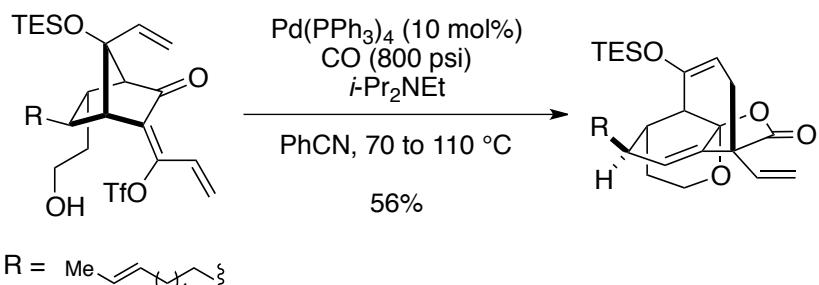


I. W. Davies *et al.*, *J. Org. Chem.*, **65**, 8415 (2000)
J. Taylor *et al.*, *Org. Synth.*, **80**, 200 (2003)

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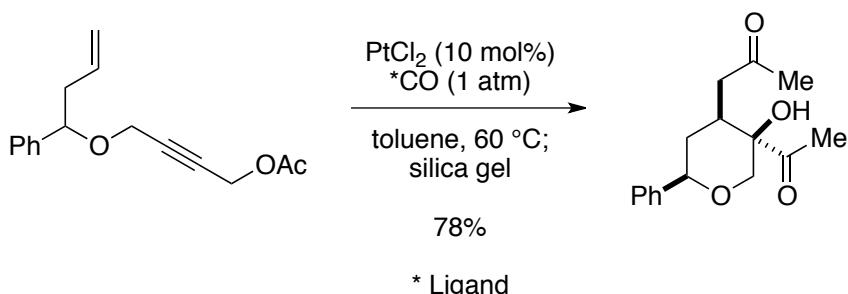
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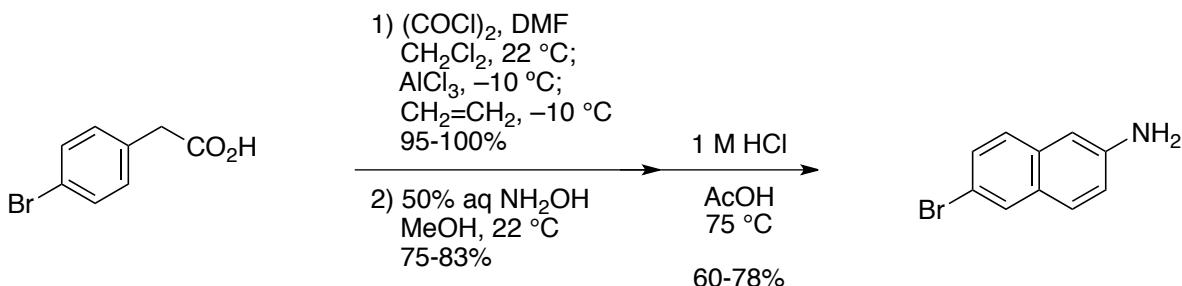
M. M. Bjo and J. J. Leighton, *Org. Lett.*, **2**, 2905 (2000)

?



X. She *et al.*, *J. Am. Chem. Soc.*, **132**, 1788 (2010)

3

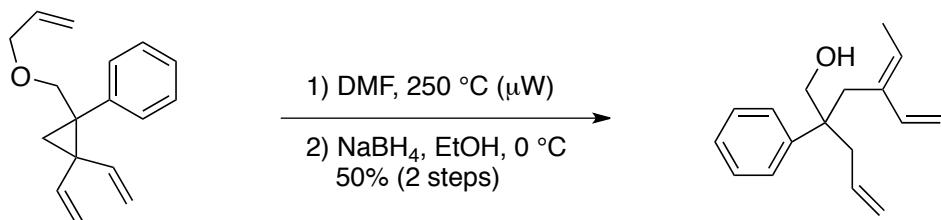


W. Li et al., *Org. Proc. Res. Dev.*, **18**, 1696 (2014)

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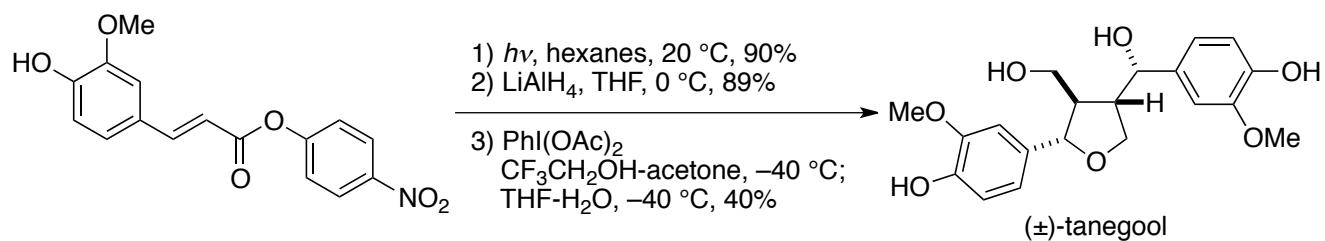
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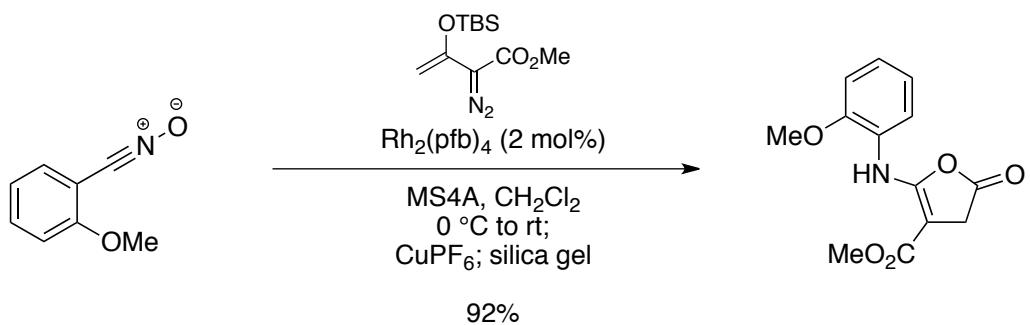
D. P. Curran *et al.*, *J. Am. Chem. Soc.*, **137**, 322 (2015)

2



J.-P. Lumb *et al.*, *Angew. Chem. Int. Ed.*, **54**, 2204 (2015)
C. Kibayashi *et al.*, *J. Am. Chem. Soc.*, **126**, 16553 (2004)

3



pfb = perfluorobutyrate

M. P. Doyle *et al.*, *Org. Lett.*, **14**, 800 (2012)