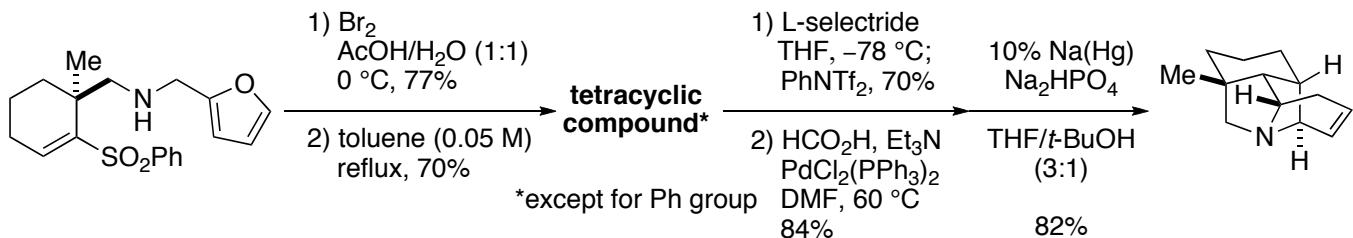


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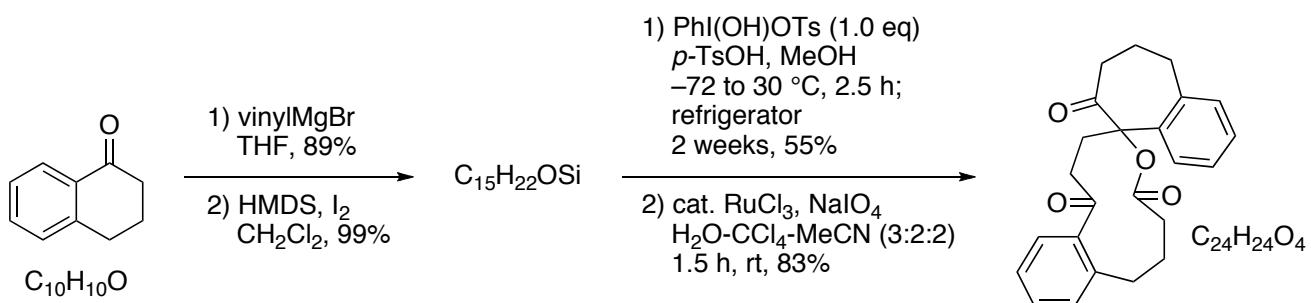
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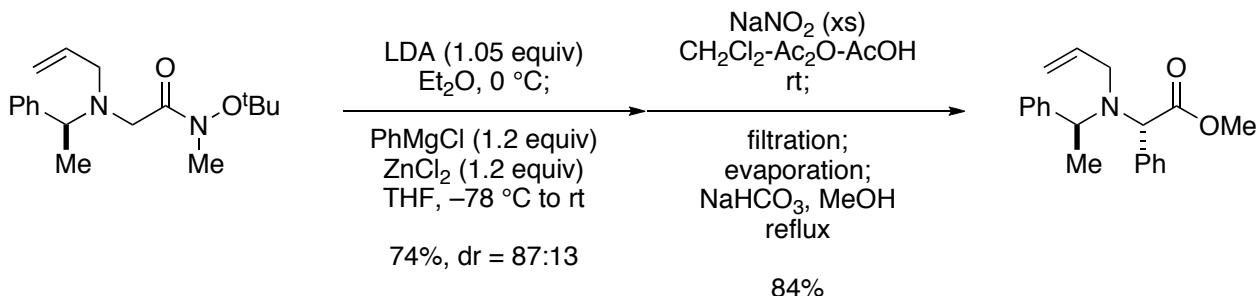
K. M. Peese and D. Y. Gin *et al.*, *Org. Lett.*, **7**, 3323 (2005)

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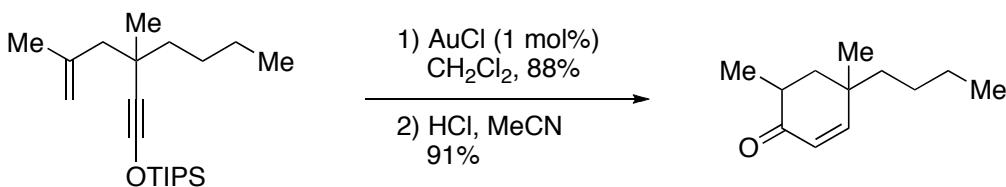
L. F. Silva *et al.*, *Org. Lett.*, **10**, 1017 (2008)

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P. Somfai *et al.*, *Angew. Chem. Int. Ed.*, **47**, 1907 (2008)

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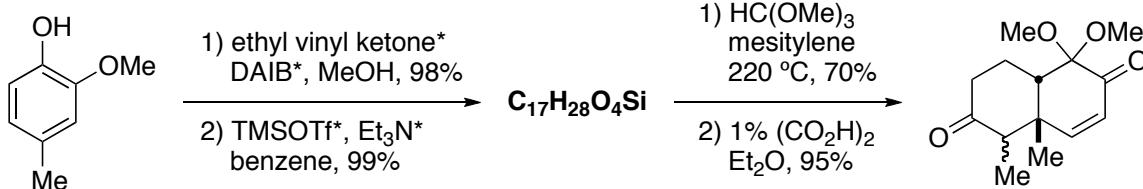


S. A. Kozmin *et al.*, *J. Am. Chem. Soc.*, **126**, 11806 (2004)

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04/09/2008

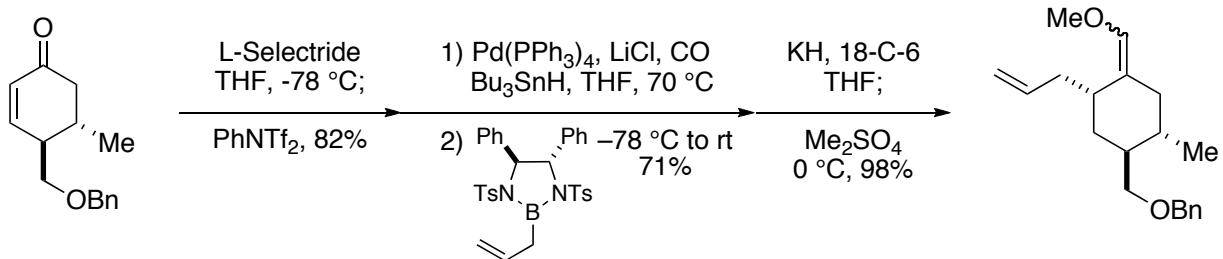
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*theoretically 1 eq.

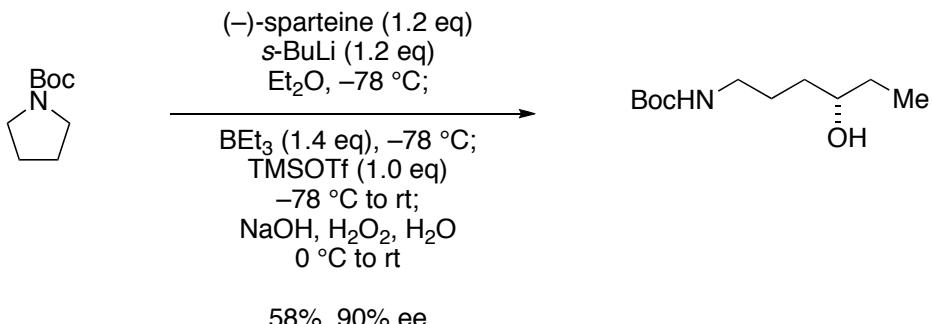
C.-C. Liao *et al.*, *J. Org. Chem.*, **73**, 2554 (2008)

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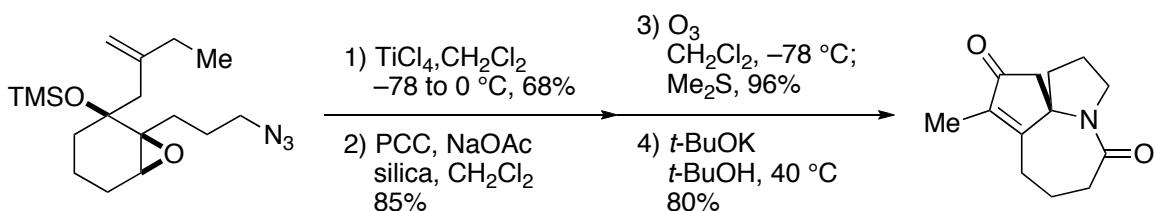
A. B. Smith. III *et al.*, *J. Am Chem. Soc.*, **129**, 14873 (2007)

3



V. K. Aggarwal *et al.*, *Org. Lett.*, **10**, 141 (2008)

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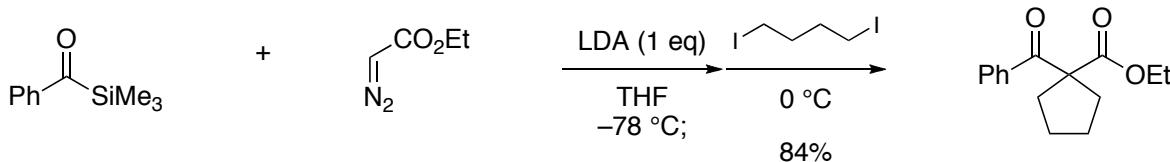


Y.-Q. Tu *et al.*, *Org. Lett.*, **10**, 1763 (2008)

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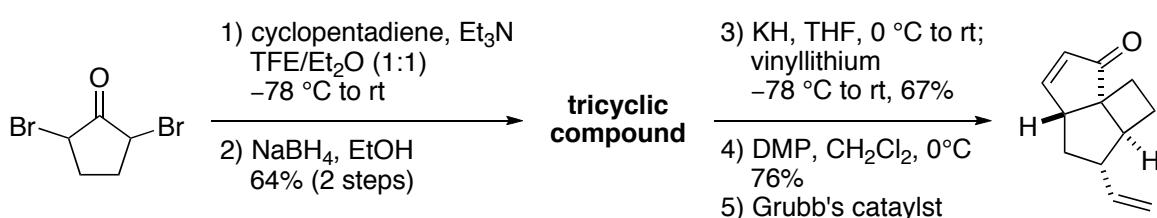
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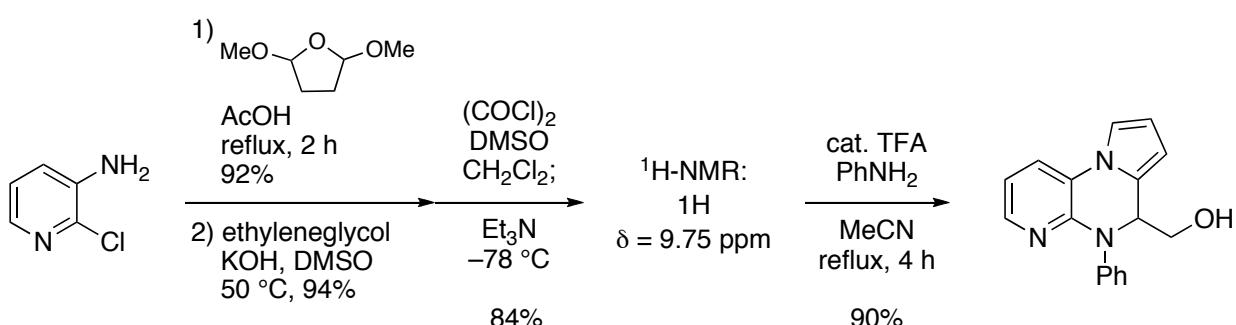
K. A. Scheidt *et al.* *Chem. Commun.*, 1926 (2008)

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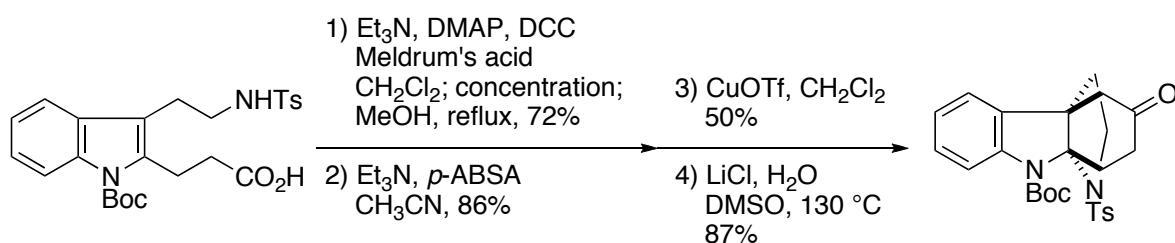
M. Harmata *et. al.*, *Org. Lett.*, 7, 2563 (2005)

3



X. Bai, Q. Dang *et al.*, *J. Org. Chem.*, 73, 3281 (2008)

4

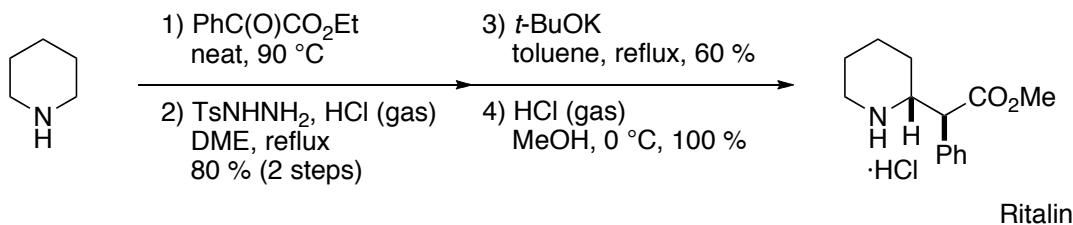


Y. Qin *et al.*, *Angew. Chem. Int. Ed.*, 47, 3618 (2008)

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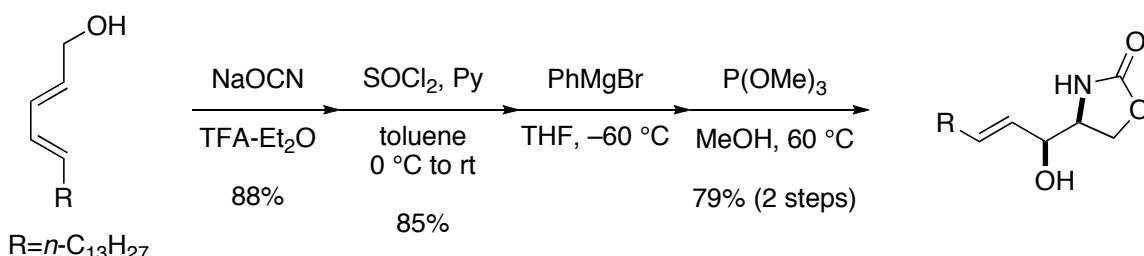
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Ritalin

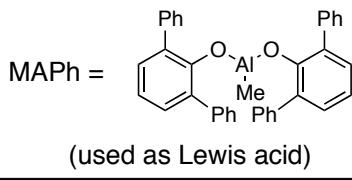
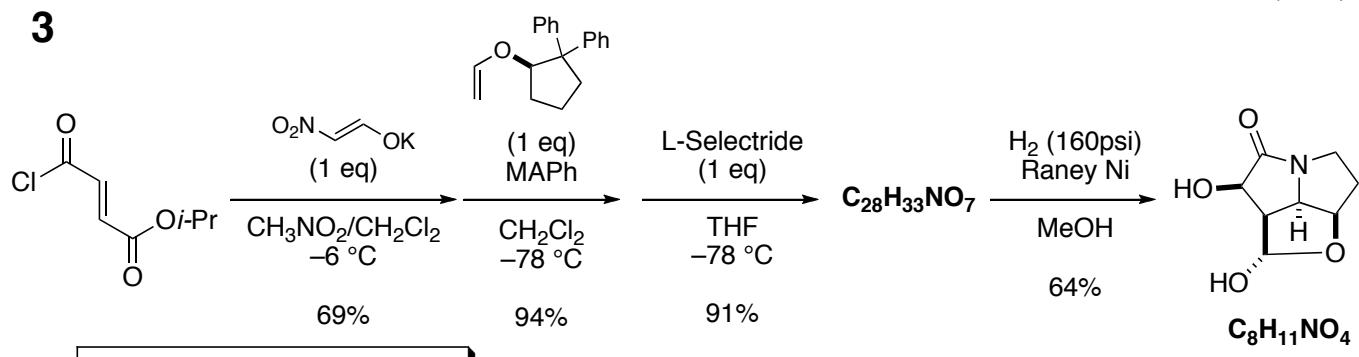
J. D. Winkler *et al.* *J. Org. Chem.*, **63**, 9628 (1998)

2



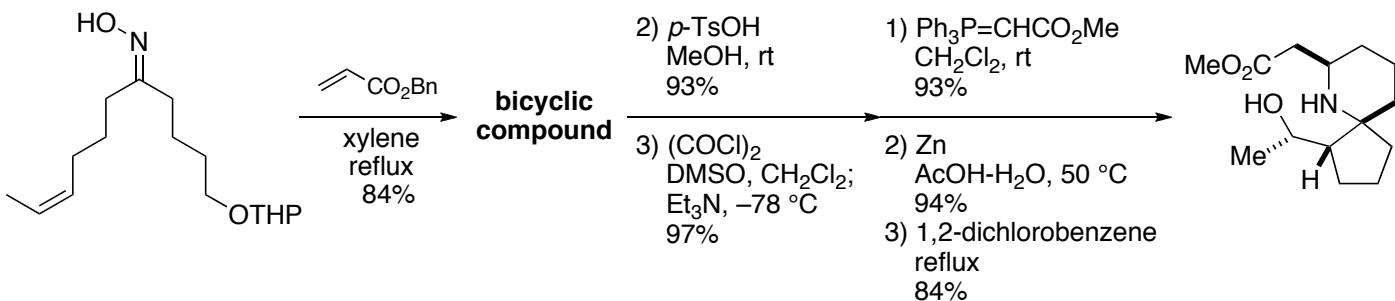
S. M. Weinreb *et al.* *J. Am. Chem. Soc.*, **105**, 4499 (1983)

3



S. E. Denmark *et al.*, *J. Am. Chem. Soc.*, **118**, 8266 (1996)

4



Z. Zhao *et al.*, *Org. Lett.*, **1**, 681 (1999)