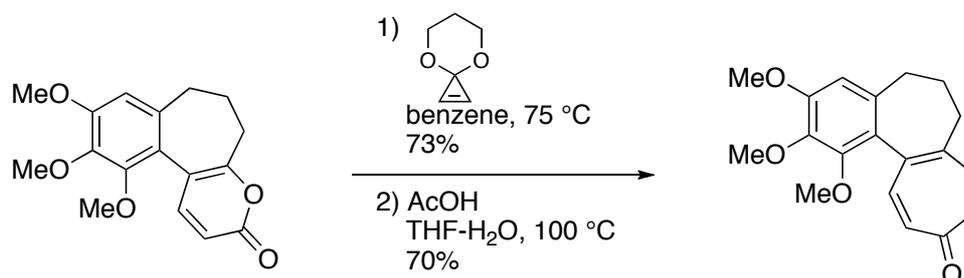


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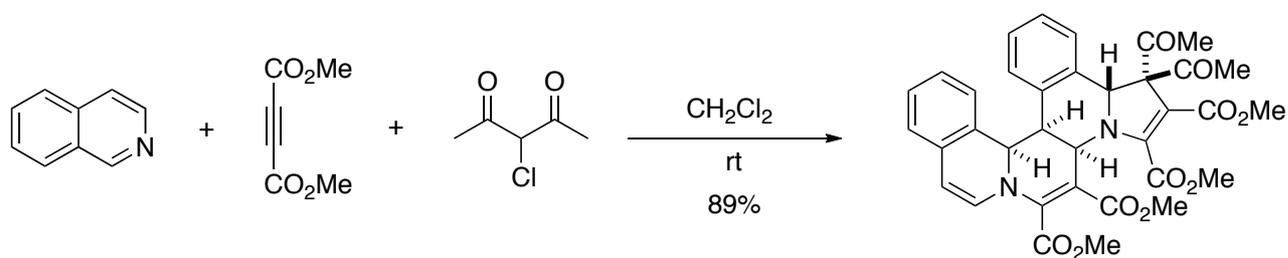
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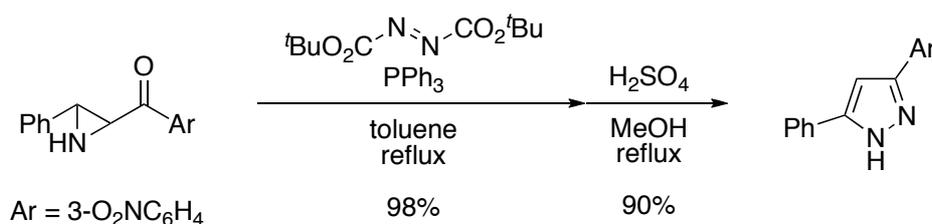
D. L. Boger *et al.*, *J. Am. Chem. Soc.*, **108**, 6713 (1986)

2



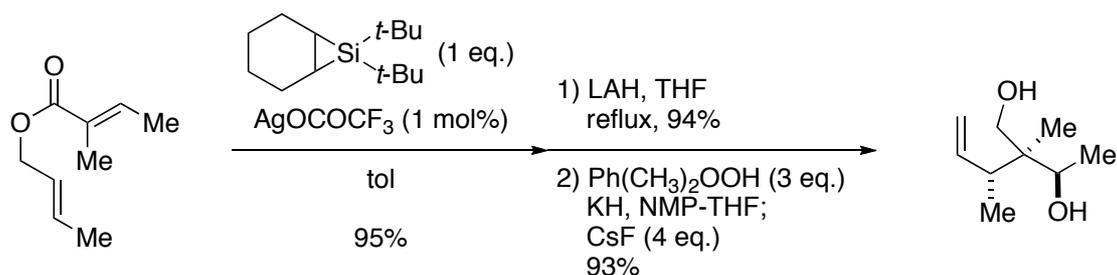
E. Karimi *et al.*, *Tetrahedron. Lett.*, **49**, 6433 (2008)

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Y.-G. Wang *et al.*, *Org. Lett.*, **10**, 13 (2008)

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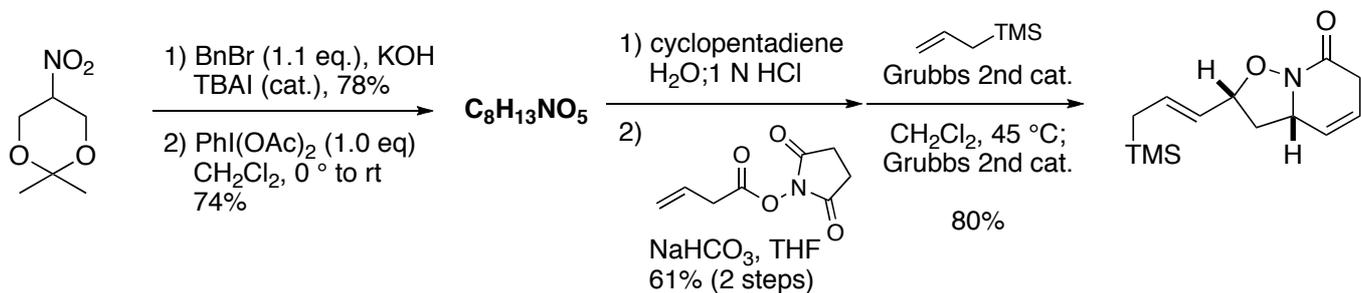


K. A. Woerpel *et al.*, *J. Am. Chem. Soc.*, **127**, 2046 (2005)

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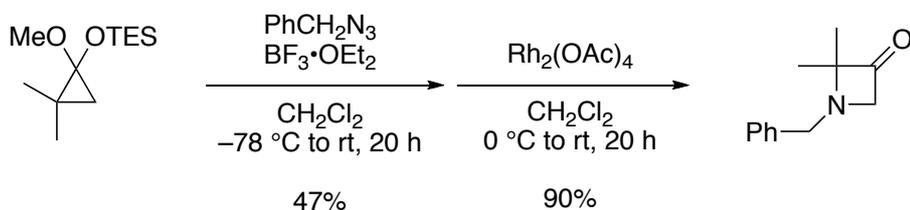
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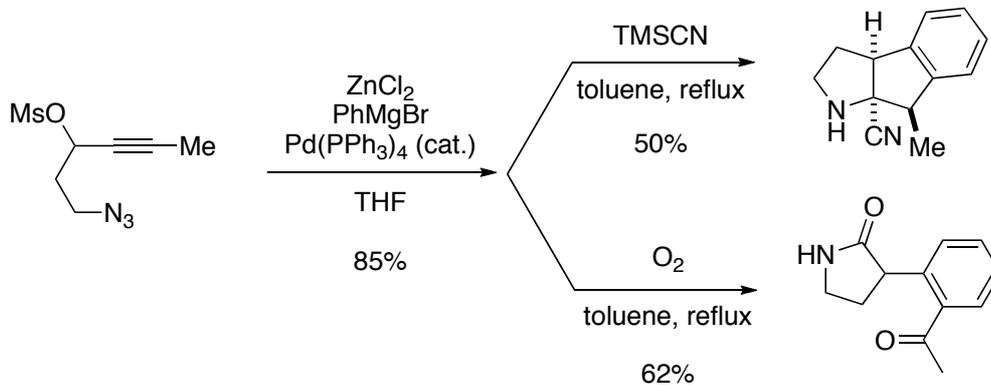
C. Kouklovsky *et al.*, *Org. Lett.*, **9**, 1485 (2007)

2



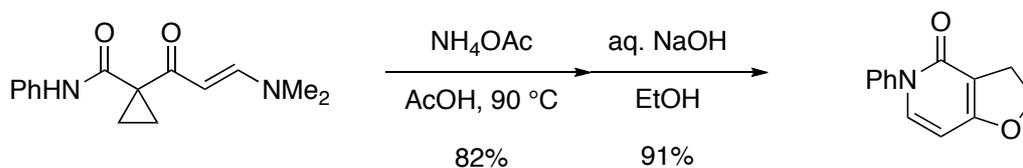
J. Aube *et al.*, *Org. Lett.*, **2**, 1657 (2000)

3



K. Feldman *et al.*, *J. Org. Chem.*, **73**, 5090 (2008)

4

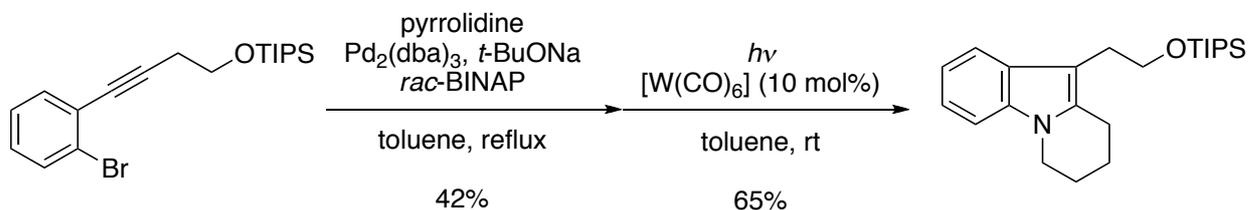


D. Dong *et al.*, *J. Org. Chem.*, **73**, 8089 (2008)

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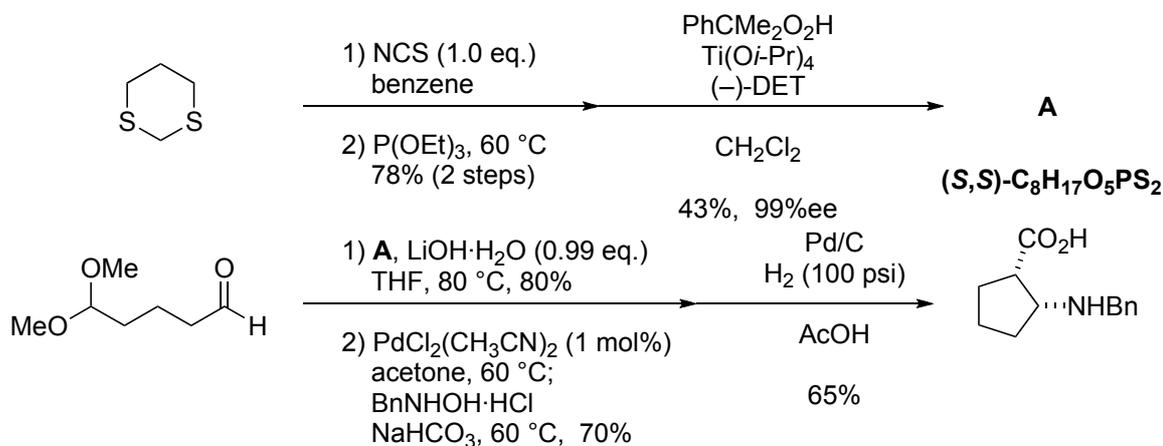
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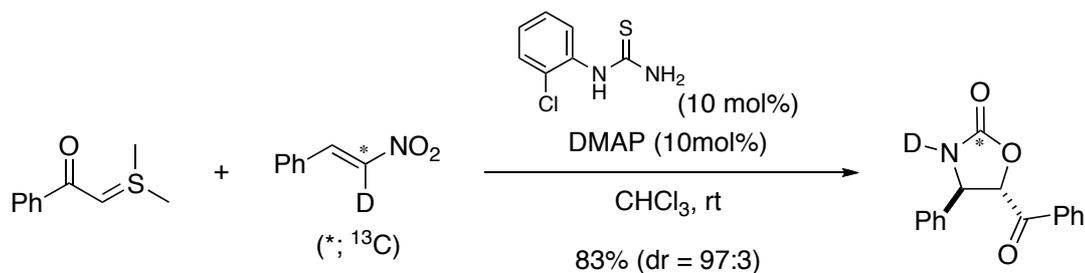
N. Iwasawa *et al.*, *Angew. Chem. Int. Ed.*, **47**, 4906 (2008)

2



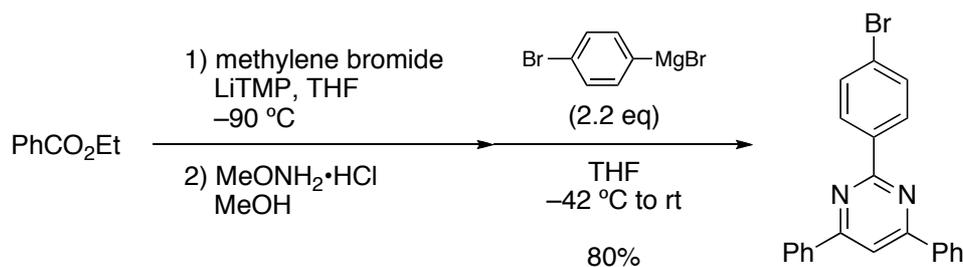
V. K. Aggarwal *et al.*, *Org. Lett.*, **6**, 1227 (2002)

3



W.-J. Xiao *et al.*, *J. Am. Chem. Soc.*, **130**, 6946 (2008)

4

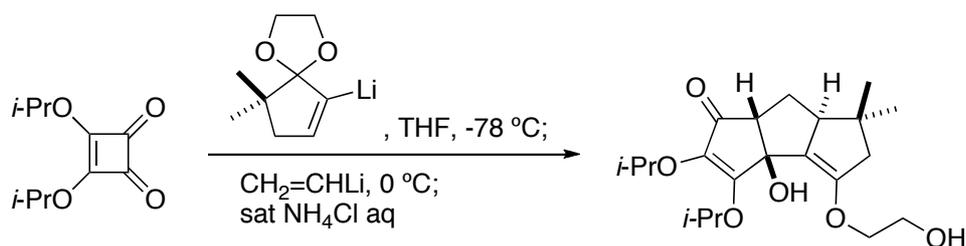


K. Oshima *et al.*, *J. Am. Chem. Soc.*, **124**, 9032 (2002)

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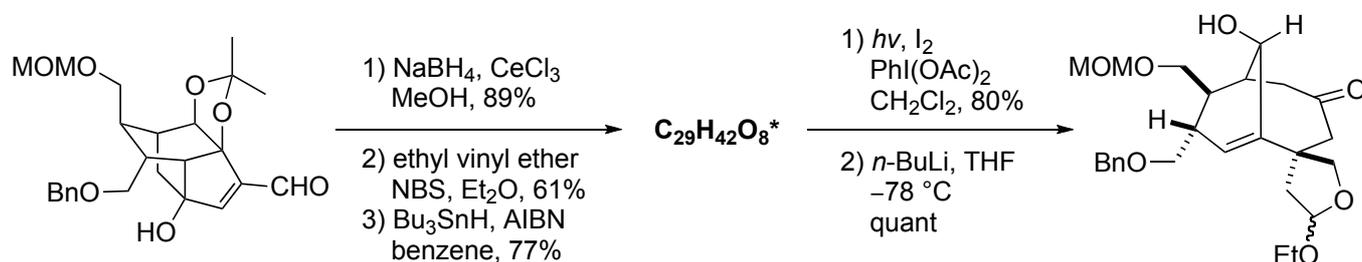
11/29/2008

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Paquette, L. A.; *et al.*, *J. Am. Chem. Soc.*, **124**, 9199 (2002)

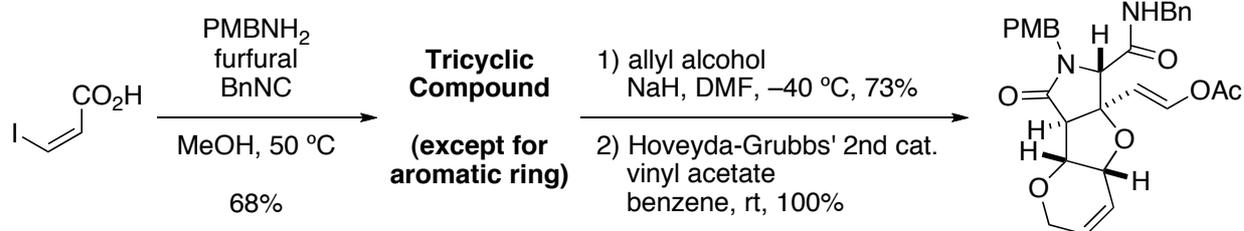
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* 1: 1.2 diaetereomer mixture

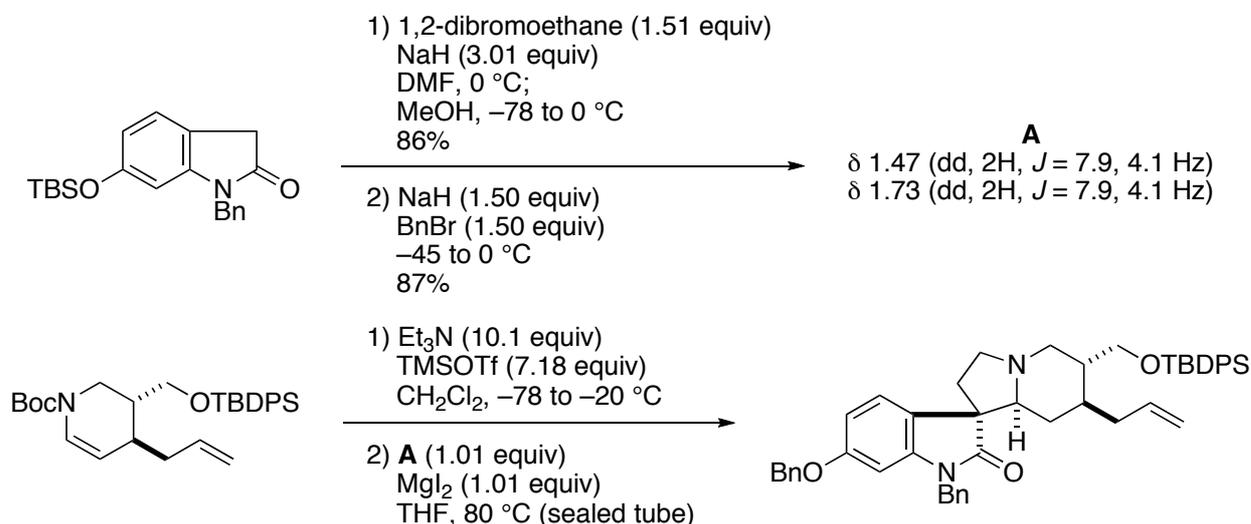
H. Nagaoka *et al.*, *Org. Lett.*, **2**, 3751 (2000)

3



M. Sasaki *et al.*, *Eur. J. Org. Chem.*, 5215 (2008)

4



E. M. Carreira *et al.*, *Chem. Eur. J.*, **12**, 8208 (2006)