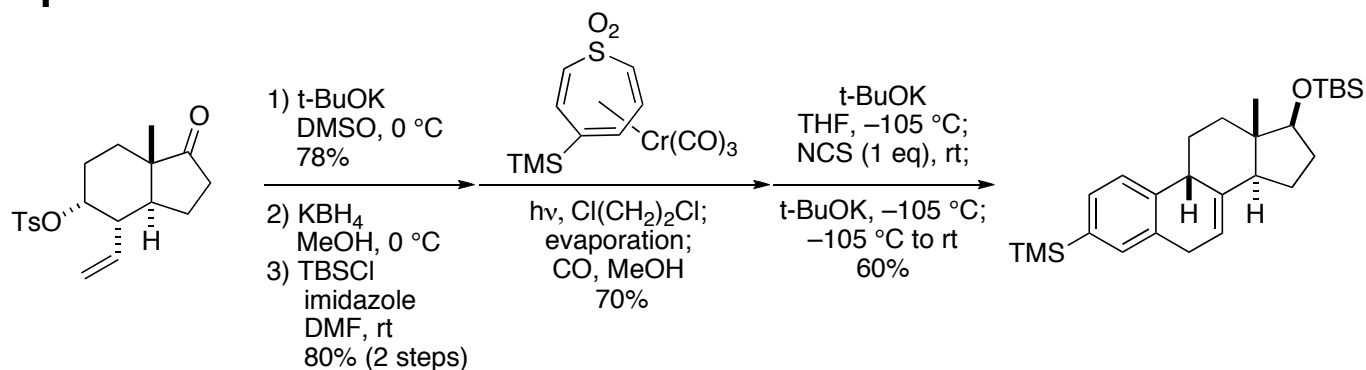


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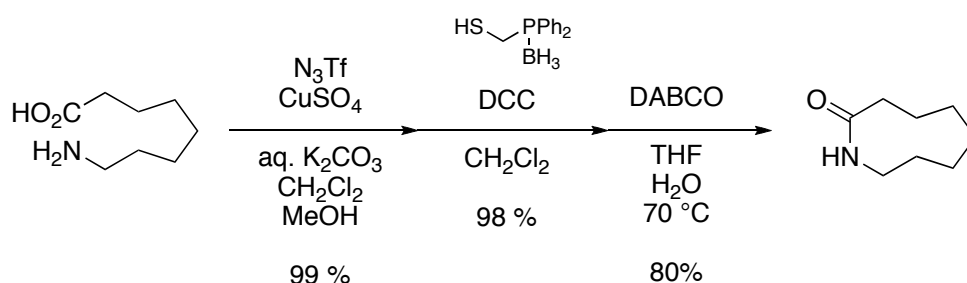
10/14/2008

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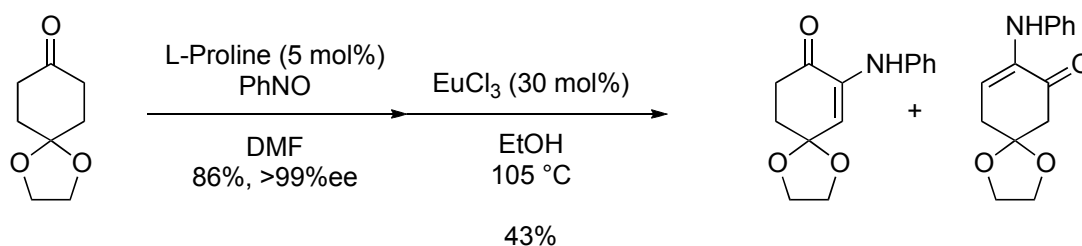
J. H. Rigby *et al.*, *J. Am. Chem. Soc.*, **121**, 8237 (1999)

2



J. H. van Maarseveen *et al.*, *Angew. Chem. Int. Ed.*, **42**, 4373 (2003)

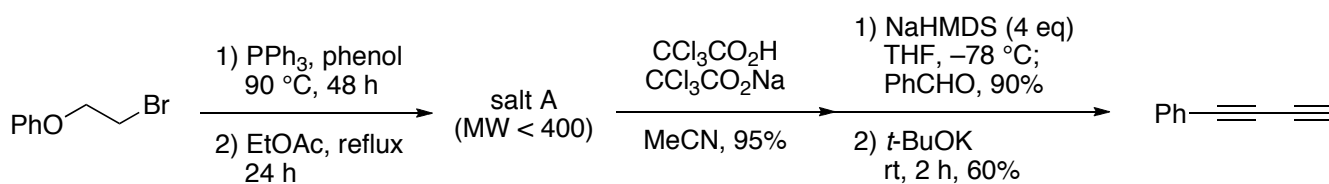
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Y. Hayashi *et al.*, *J. Org. Chem.*, **69**, 5966 (2004)

H. Yamamoto *et al.*, *Synlett*, 705 (2006)

4

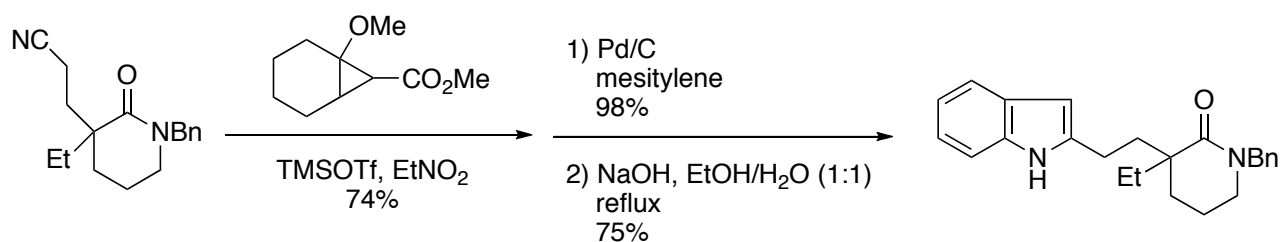


P. L. Fuchs *et al.*, *J. Am. Chem. Soc.* **126**, 14314 (2004)

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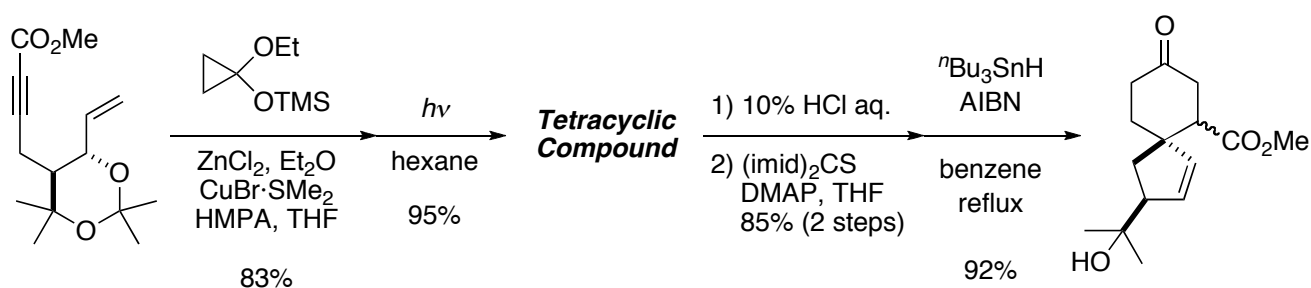
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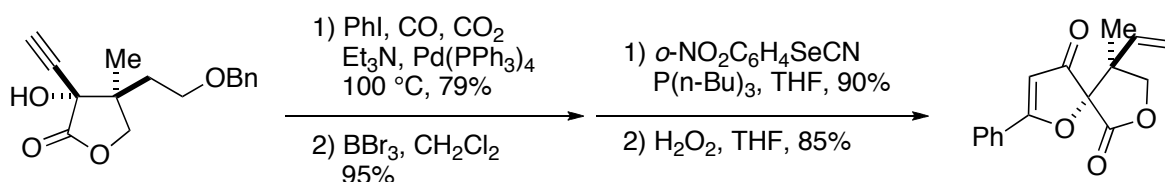
Brian L. Pagenkopf *et al.*, *Org. Lett.*, **10**, 157 (2008)

2



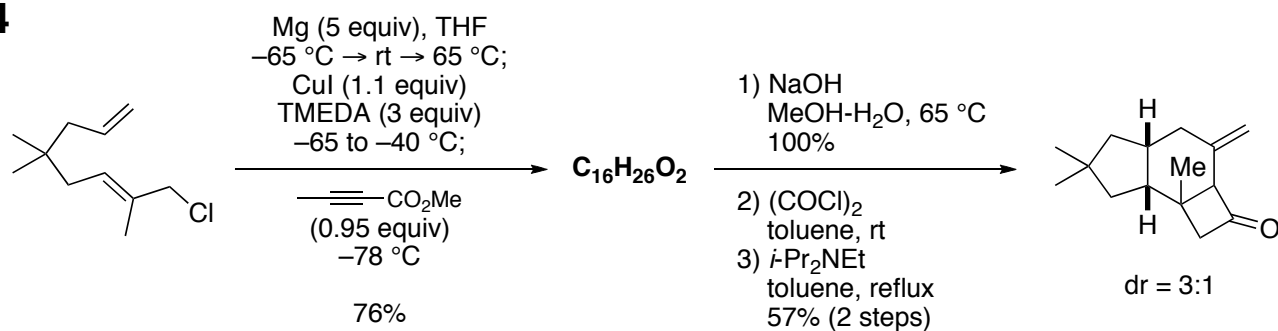
M. T. Crimmins *et al.*, *Tetrahedron Lett.*, **37**, 8703 (1996)

3



K. C. Nicolaou *et al.*, *J. Am. Chem. Soc.*, **130**, 11114 (2008)

4

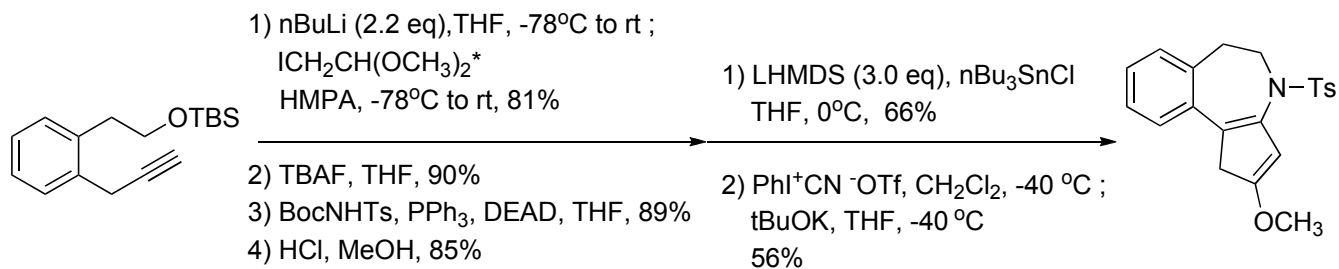


W. Oppolzer *et al.*, *Tetrahedron Lett.*, **27**, 5471 (1986)

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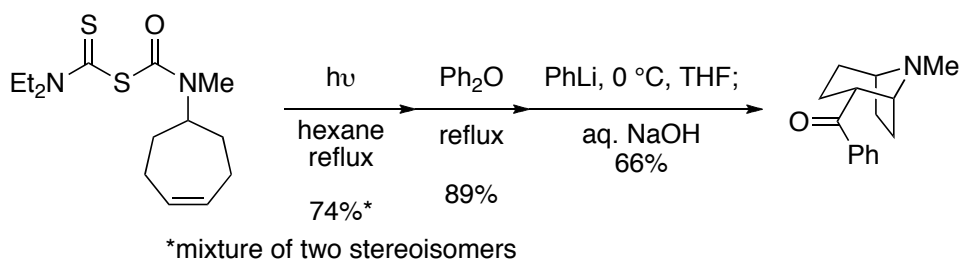
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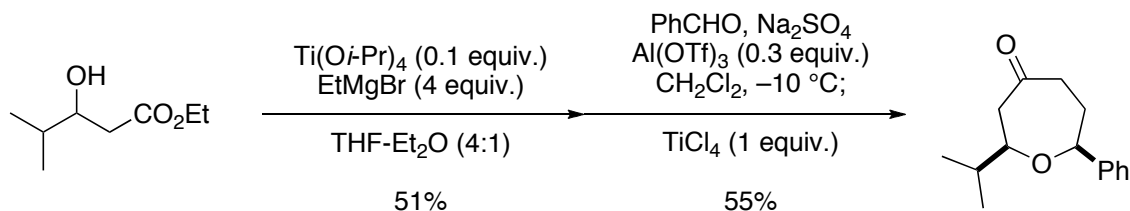
K. S. Feldman *et al.*, *J. Org. Chem.*, **61**, 5440, (1996)

2



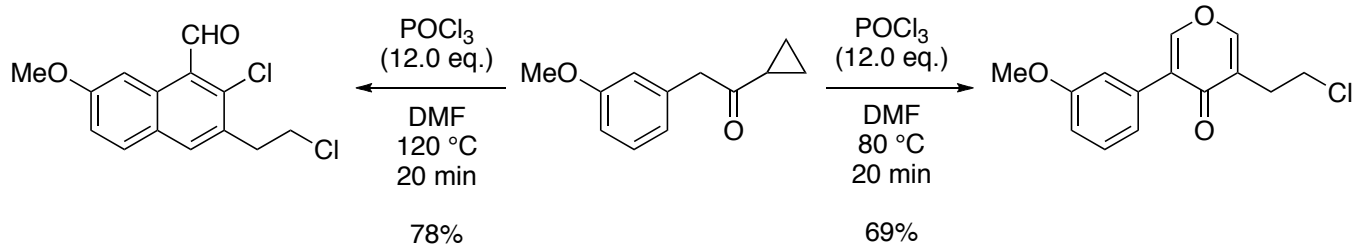
R. S. Grainger *et al.*, *J. Org. Chem.*, **73**, 8116 (2008)

3



K. E. O'Neil *et al.*, *Org. Lett.*, **7**, 515 (2005)

4



M. Shi *et al.*, *J. Org. Chem.*, **73**, 8317 (2008)