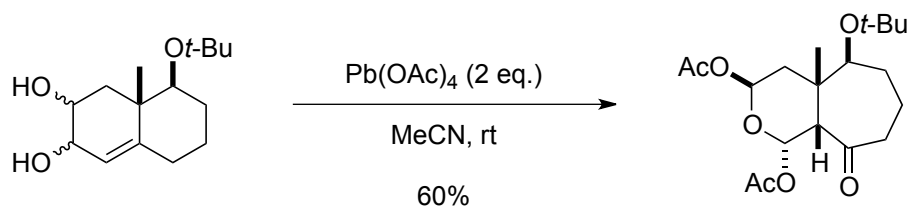
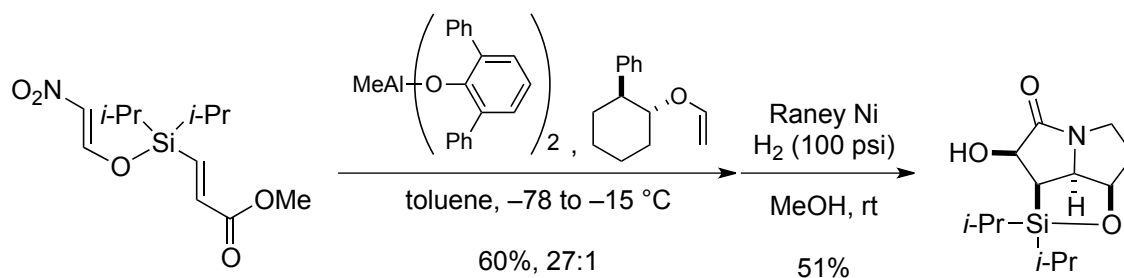


Name

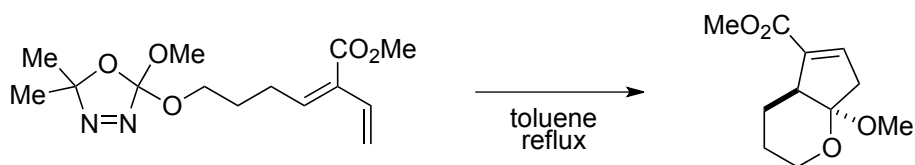
1.

S. Arseniyadis *et al.*, *Tetrahedron*, **54**, 5949 (1998)

2.

S. E. Denmark *et al.*, *J. Org. Chem.*, **62**, 1668 (1997)

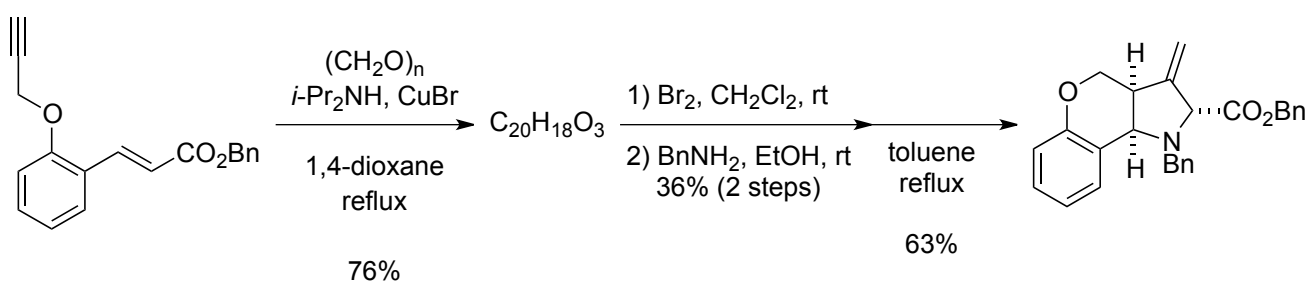
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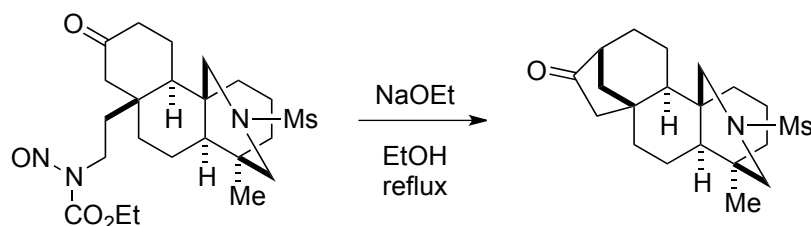
演習で学ぶ有機反応機構C46 (化学同人)

C. Spino *et al.*, *J. Am. Chem. Soc.*, **126**, 9926 (2004)

5.

T. M. V. D. Pinho e Melo *et al.*, *Synthesis*, 2781 (2015)

6.

K. Wiesner *et al.*, *Tetrahedron Lett.*, **9**, 6279 (1968)

3. Provide the pK_a values of these acids. You may round off the values to the nearest whole number.

