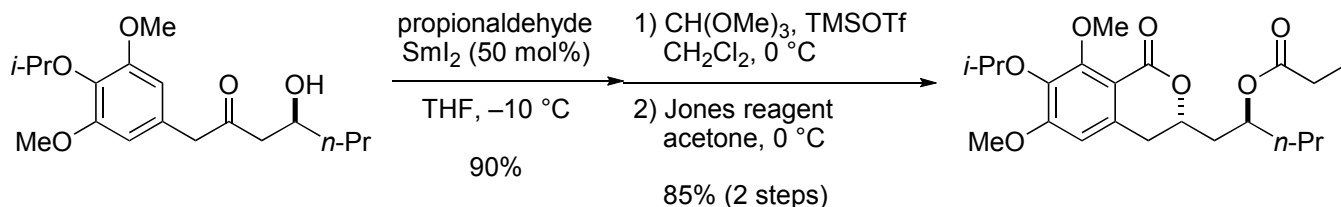


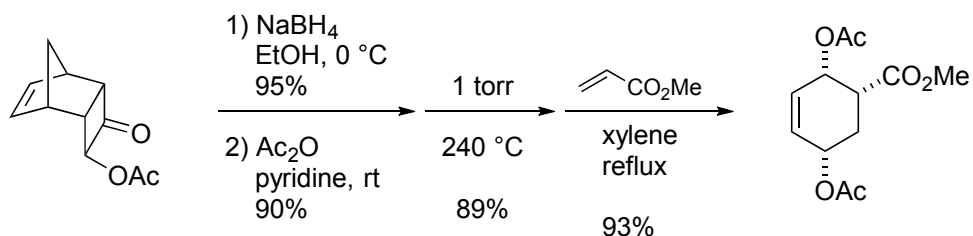
Name _____

1.



X. She *et al.*, *J. Org. Chem.*, **78**, 6338 (2013)

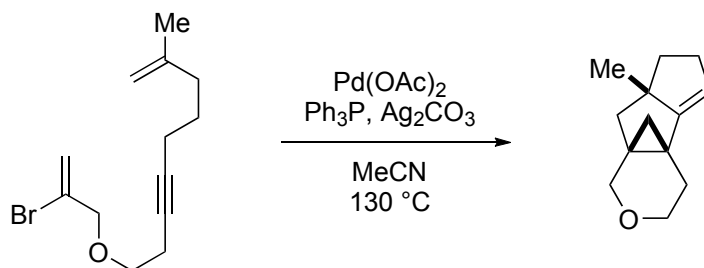
2.



B. M. Trost *et al.*, *J. Org. Chem.*, **43**, 4559 (1978)

E. E. Smismann *et al.*, *J. Am. Chem. Soc.*, **84**, 1040 (1962)

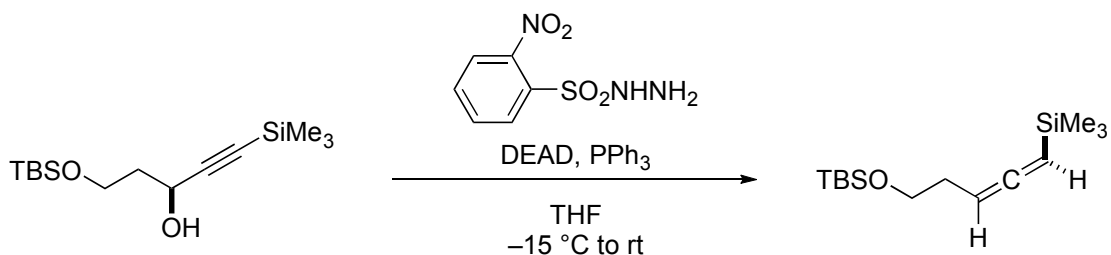
3.



演習で学ぶ有機反応機構C061 (化学同人)

A. de Meijere *et al.*, *J. Org. Chem.*, **56**, 6487 (1991)

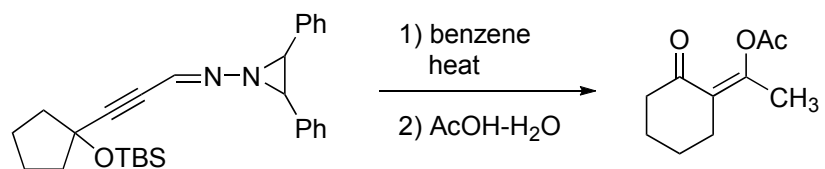
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演習で学ぶ有機反応機構C065 (化学同人)

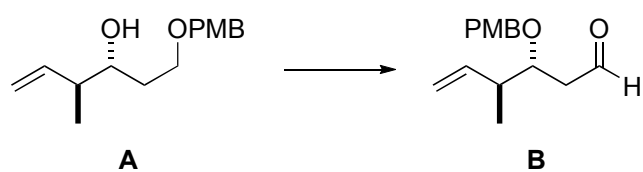
A. G. Myers and B. Zheng, *J. Am. Chem. Soc.*, **118**, 4492 (1996)

5.



A. Padwa *et al.*, *Tetrahedron Lett.*, **32**, 983 (1991)

6. Propose suitable reaction conditions for transformation of **A** into **B**.



PMB = *p*-methoxybenzyl

A. N. Hulme *et al.*, *Org. Lett.*, **9**, 631 (2007)