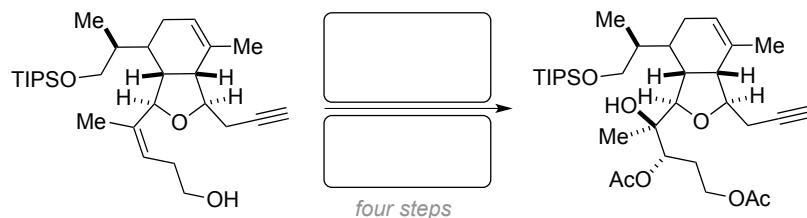
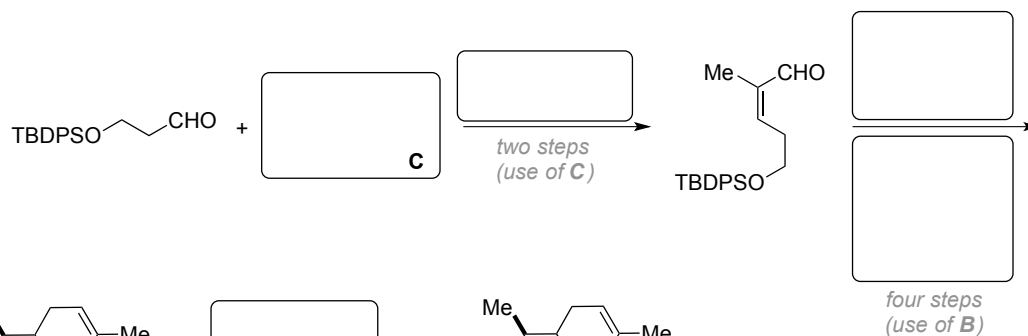
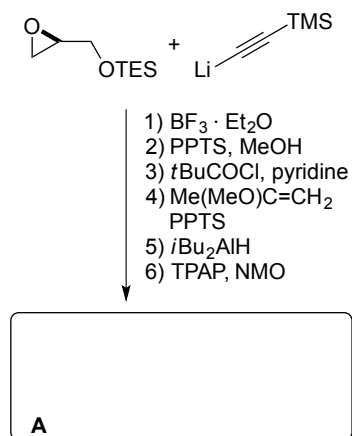
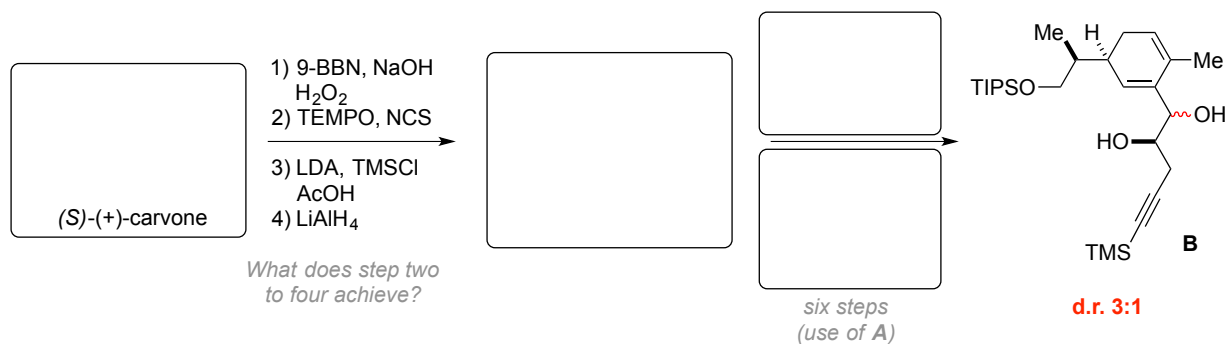


E22: Total Synthesis of Briarellin E and Briarellin F [1-3]

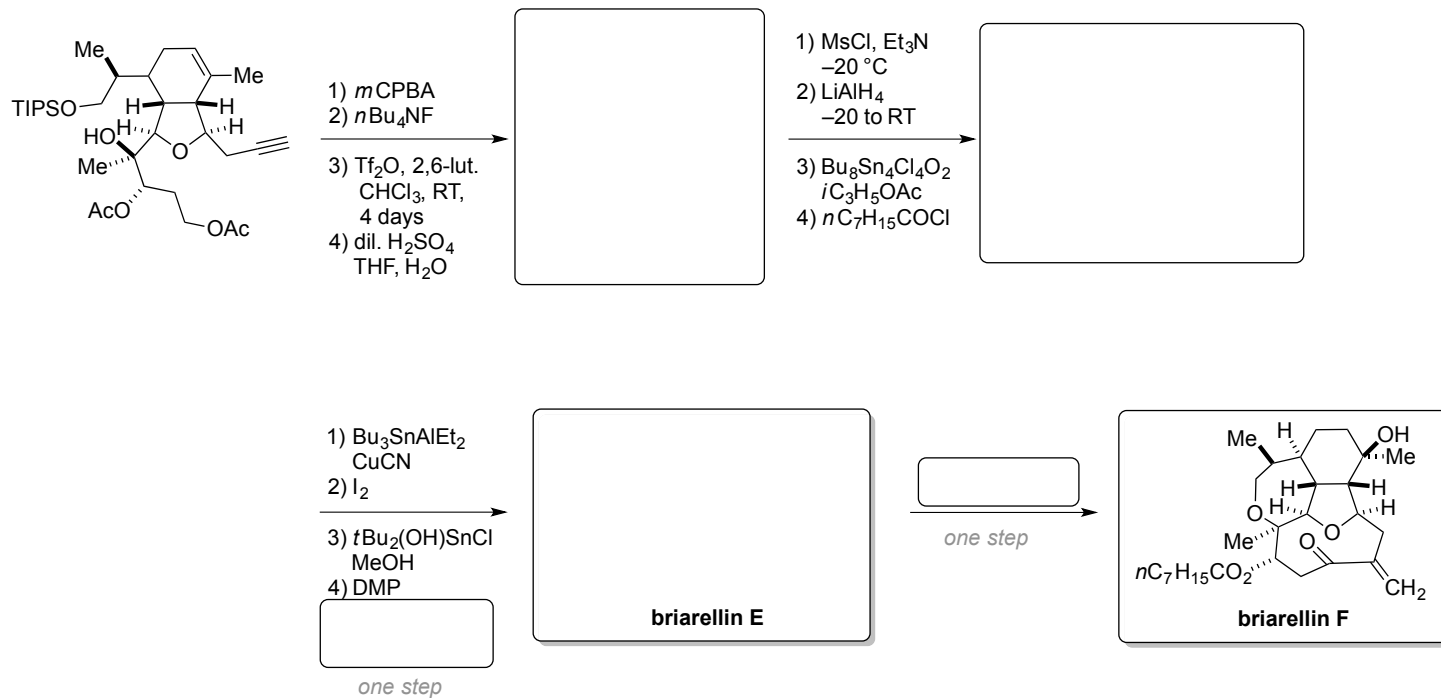


[1] O. Corminboeuf, L. E. Overman, L. D. Pennington, *J. Org. Chem.* **2009**, 74, 5458.

[2] O. Corminboeuf, L. E. Overman, L. D. Pennington, *Org. Lett.* **2003**, 5, 1543.

[3] D. W. C. MacMillan, L. E. Overman, L. D. Pennington, *J. Am. Chem. Soc.* **2001**, 123, 9033.

E22: Total Synthesis of Briarellin E and Briarellin F [1-3]



- Large number of diterpene cyclic ethers found in soft corals and gorgonian octocorals as secondary metabolites
- The cladiellins, asbestinines and briarellins comprise a sizable portion of this class of natural products.
- Total syntheses to access these compounds were undertaken by *e.g.* the group of Molander, Crimmins, Clark, Hoppe, Kim and Overman.

[1] O. Corminboeuf, L. E. Overman, L. D. Pennington, *J. Org. Chem.* **2009**, 74, 5458.

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