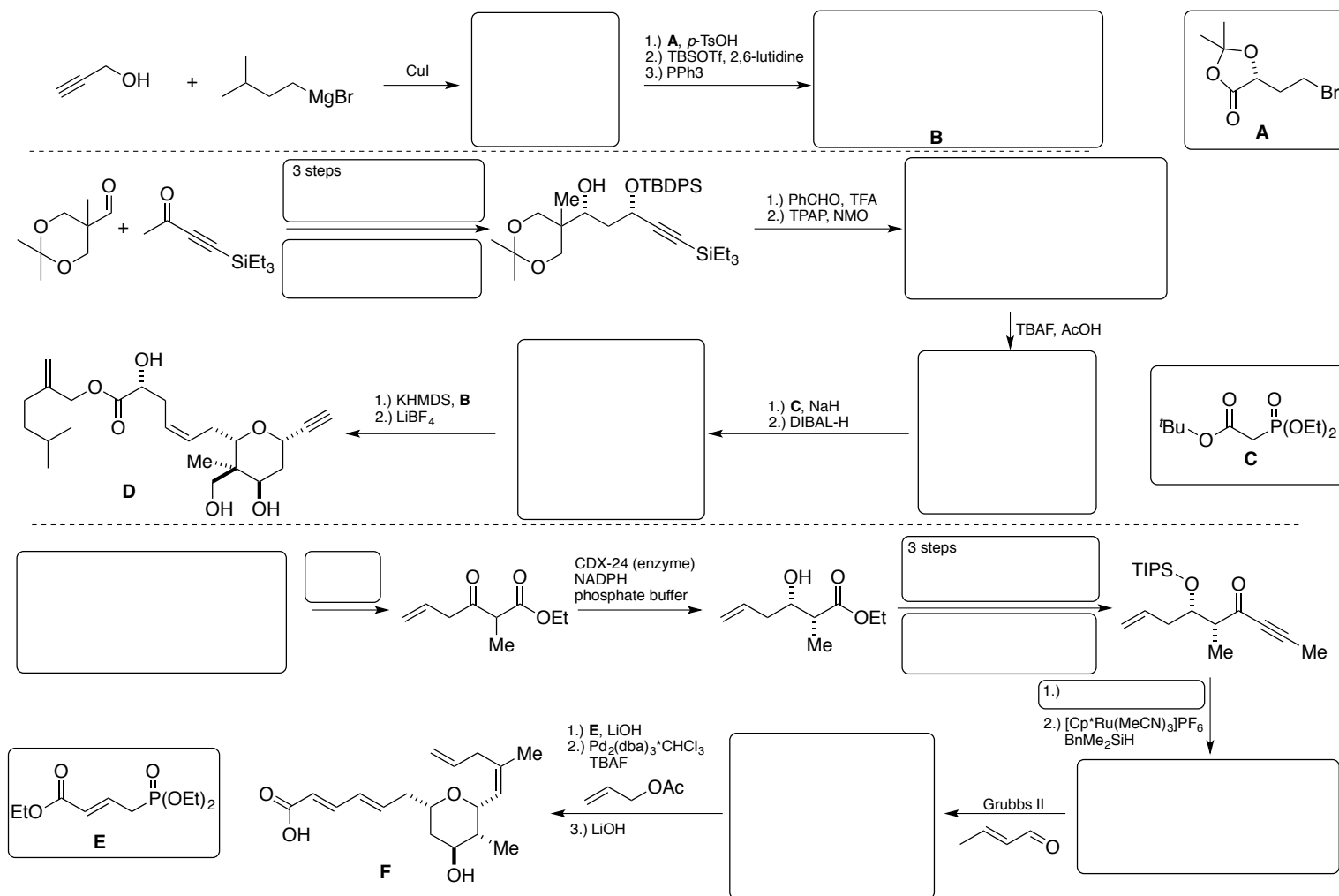
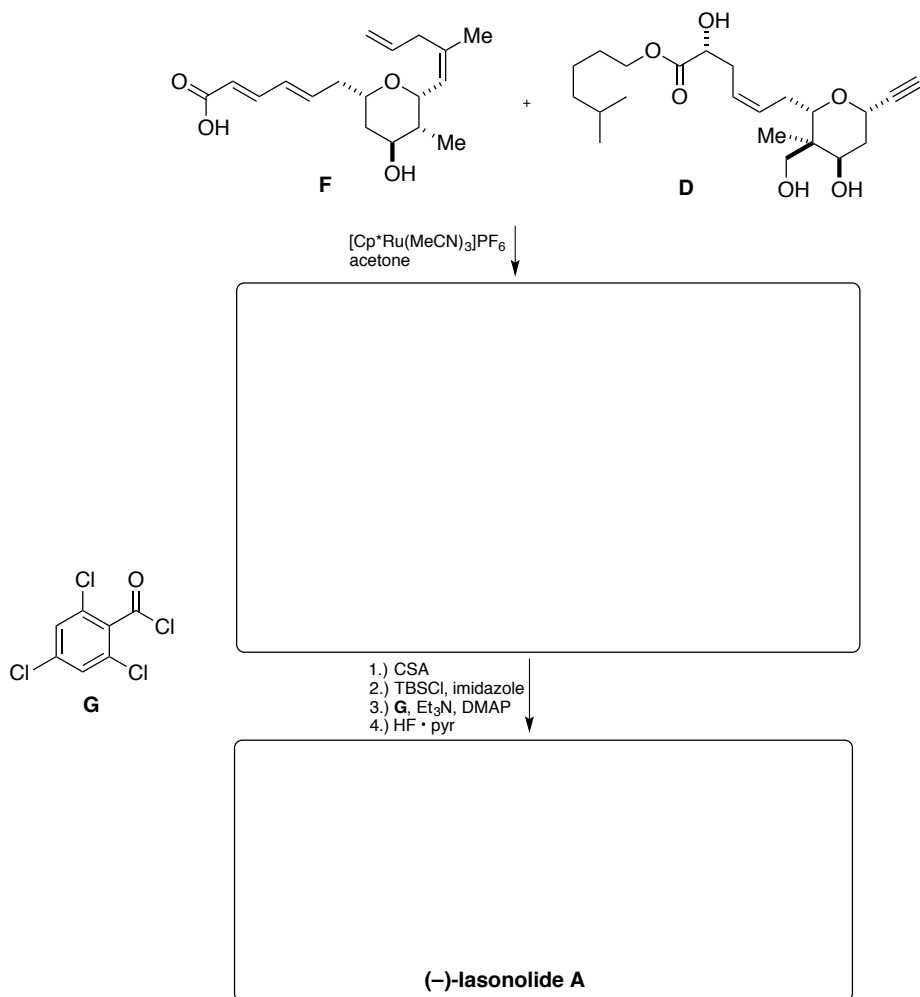


E19: Total Synthesis of (-)-Lasonolide A^[1]



^[1] B. M. Trost, C. E. Stivala, K. L. Hull, A. Huang, D. R. Fandrick, *J. Am. Chem. Soc.* **2014**, *136*, 88–91.

E19: Total Synthesis of (-)-Lasonolide A^[1]



- First isolated from a Caribbean marine sponge (*forcepia* sp.) in 1994 in the group of McConnell^[2]
- Today seven lasonolides have been isolated (A–G)
- Highly potent towards a wide range of cancer cell lines
- (-)-Lasonolide A is the unnatural enantiomer^[3]

^[1] B. M. Trost, C. E. Stivala, K. L. Hull, A. Huang, D. R. Fandrick, *J. Am. Chem. Soc.* **2014**, *136*, 88–91; ^[2] P. A. Horton, F. E. Koehn, R. E. Longley, O. J. McConnell, *J. Am. Chem. Soc.* **1994**, *116*, 6015–6016, ^[3] E. Lee, H. Y. Song, J. W. Kang, D.-S. Kim, C.-K. Jung, J. M. Joo, *J. Am. Chem. Soc.* **2002**, *124*, 384–385.