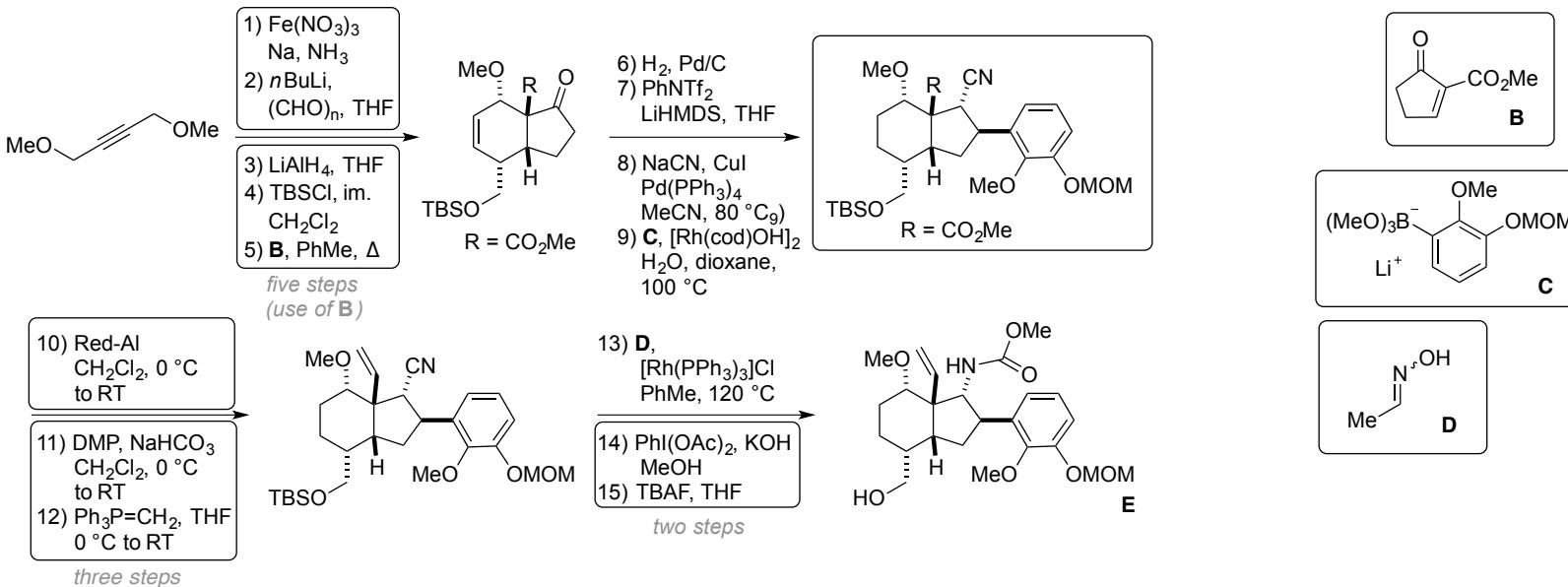
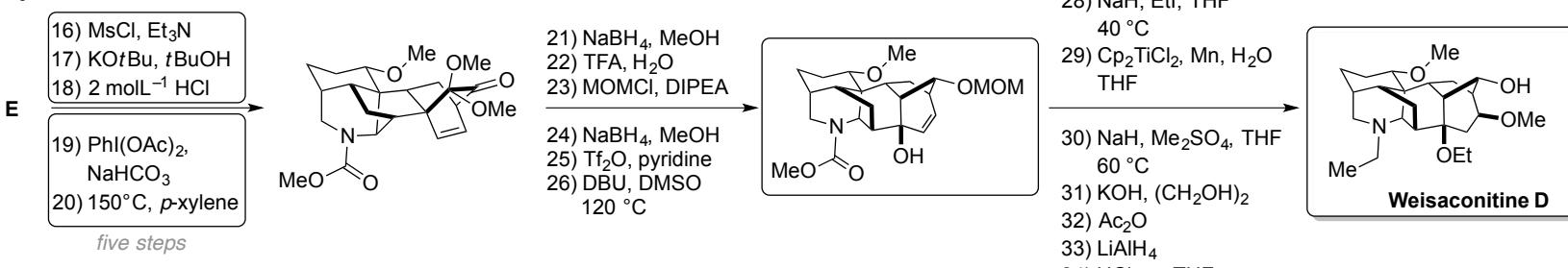


E36: A Unified Synthesis of: Weisaconitine D, Cochlearenine, Paniculamine and N-Ethyl-1 α -hydroxy-17-veratroyldictyazine

Synthesis of the Common Intermediate E:

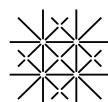


Synthesis of Weisaconitine D:



[1] K. G. M. Kou, B. X. Li, J. C. Lee, G. M. Gallego, T. P. Lebold, A. G. DiPasquale, R. Sarpong *J. Am. Chem. Soc.* **2016**, *138*, 10830.

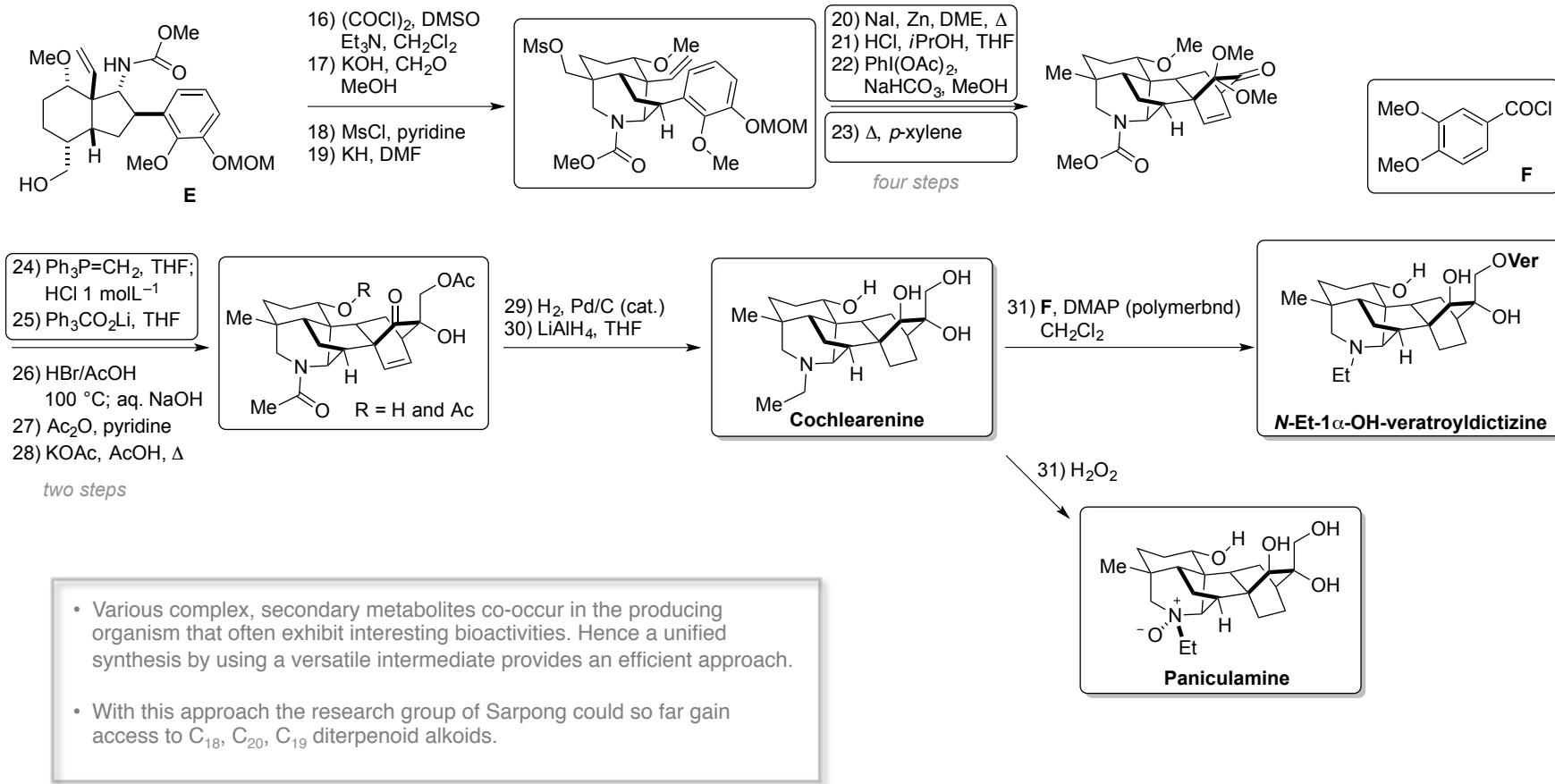
[2] C. J. Marth, G. M. Gallego, J. C. Lee, T. P. Lebold, S. Kulyk, K. G. M. Kou, J. Qin, R. Lilien, R. Sarpong *Nature*, **2015**, *528*, 493.



University
of Basel

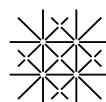
E36: A Unified Synthesis of: Weisaconitine D, Cochlearenine, Paniculamine and N-Ethyl-1 α -hydroxy-17-veratroyldictyzine

Synthesis of Cochlearenine, Paniculamine and N-Et-1 α -OH-veratroyldictyzine:



[1] K. G. M. Kou, B. X. Li, J. C. Lee, G. M. Gallego, T. P. Lebold, A. G. DiPasquale, R. Sarpong *J. Am. Chem. Soc.* **2016**, *138*, 10830.

[2] C. J. Marth, G. M. Gallego, J. C. Lee, T. P. Lebold, S. Kulyk, K. G. M. Kou, J. Qin, R. Lilien, R. Sarpong *Nature*, **2015**, *528*, 493.



University
of Basel

Sparr Group Seminar
02.03.2017
Christian Fischer