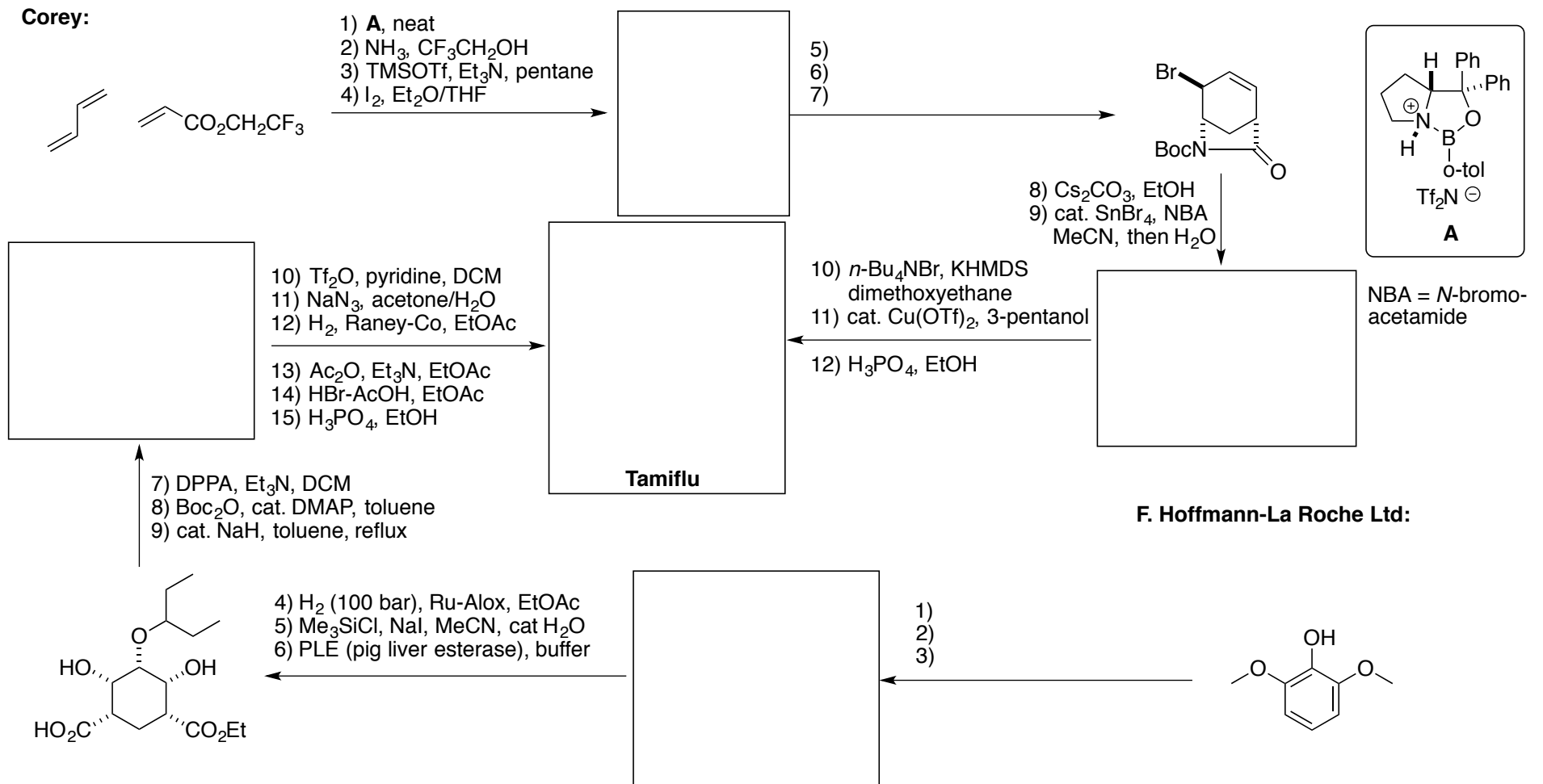


E33: Syntheses of Tamiflu/Osetamivir



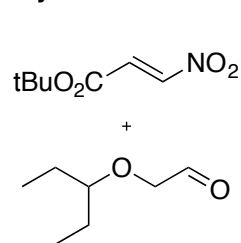
Y.-Y. Yeung, S. Hong, E. J. Corey, *J. Am. Chem. Soc.* **2006**, *128*, 6310–6311; U. Zutter, H. Iding, P. Spurr, B. Wirz, *J. Org. Chem.* **2008**, *73*, 4895–4902.



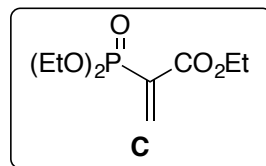
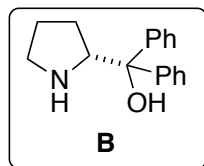
Sparr Group Seminar
 15.12.2016
 Dominik Lotter

E33: Syntheses of Tamiflu/Oseltamivir

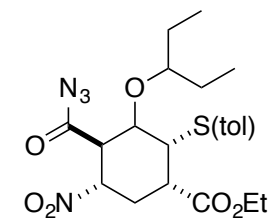
Hayashi:



- 1) **B**, $\text{ClCH}_2\text{CO}_2\text{H}$, CH_2Cl_2
- 2) **C**, Cs_2CO_3 , CH_2Cl_2
- 3) $(\text{tol})\text{SH}$, EtOH



- 4)
- 5)
- 6)



- 7)
- 8)
- 9)

(-)-Oseltamivir

(one step to Tamiflu)