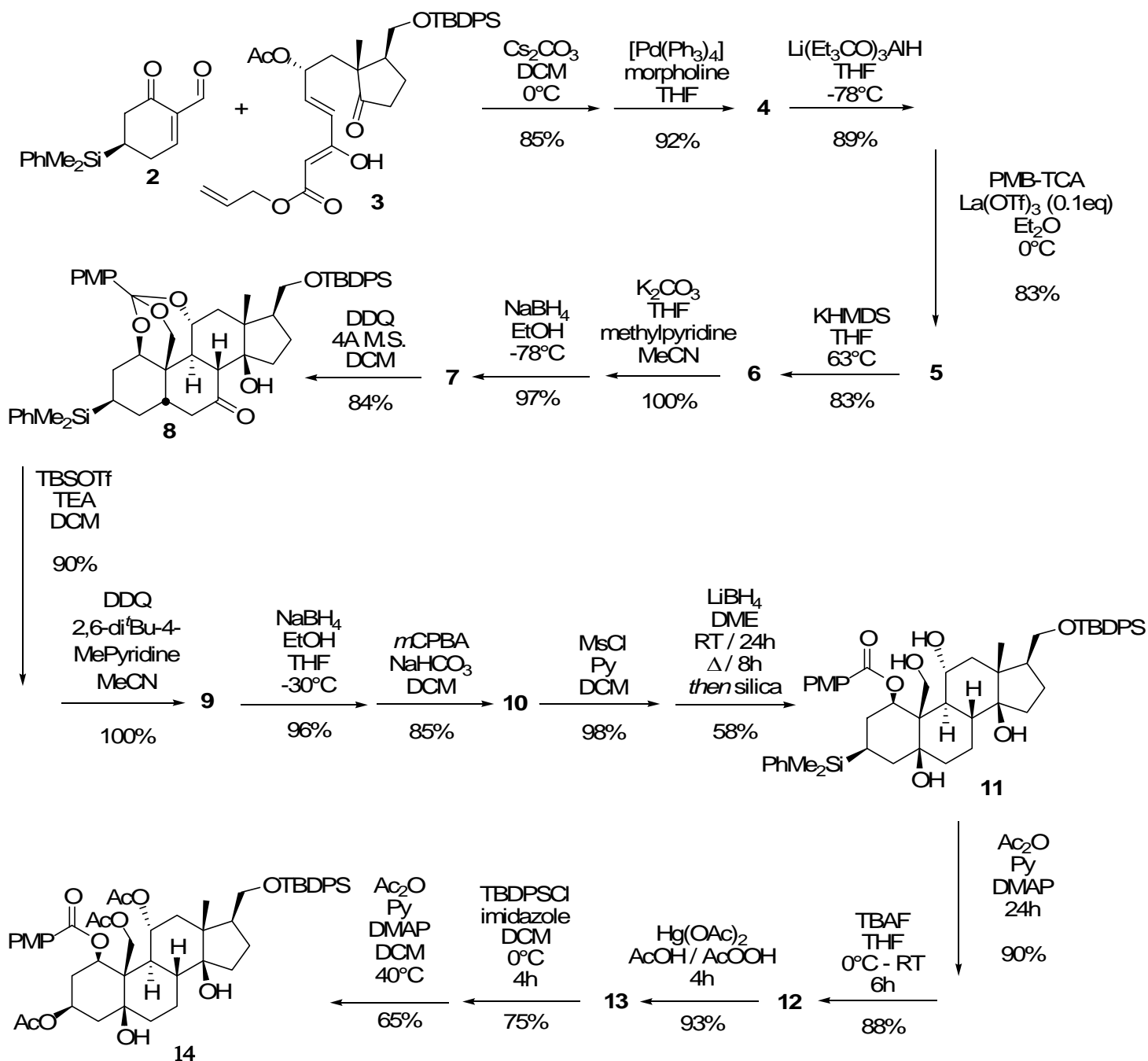


Séminaire du 14 / 10 / 2008 (Marc PRESSET)

1) Total synthesis of Ouabegenin and Ouabain : Synthesis of key fragment

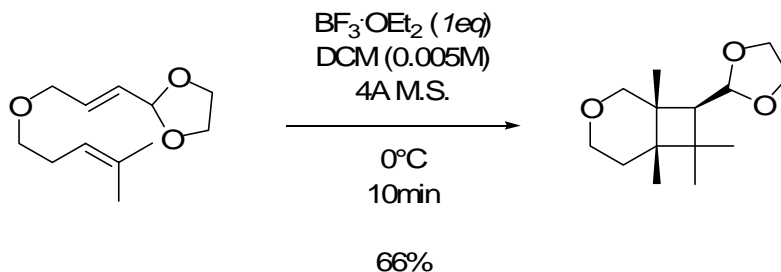
(Zhang, H.; Reddy, M. S.; Phoenix, S.; Deslongchamps, P. *Angew. Chem. Int. Ed.*, 2008, 47, 1272)



2) Mecanisms

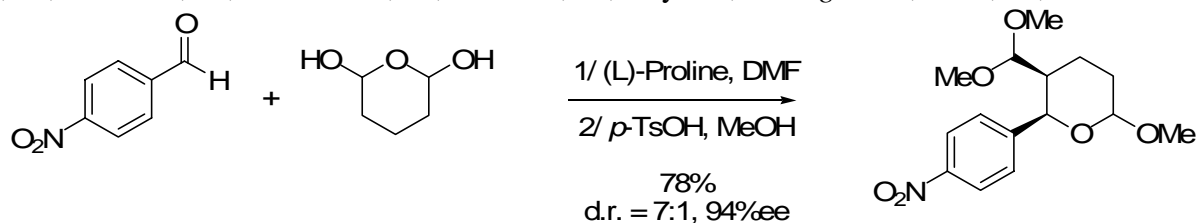
2.1) Gassman's reaction

Ko, C.; Feltenberger, J. B.; Ghosh, S. K.; Hsung, R. P. *Org. Lett.*, **2008**, *10*, 1971



2.2) Organocatalysis

Hazelard, D.; Ishikawa, H.; Hashizume, D.; Koshino, H.; Hayashi, Y. *Org. Lett.*, **2008**, *10*, 1445



2.3) A little of sugar... (Precise the intermediate, source of selectivity)

Watanabe, T.; Hirai, G.; Kato, M.; Hashizume, D.; Miyagi, T.; Sodeoka, M. *Org. Lett.*, **2008**, *10*, 4167

