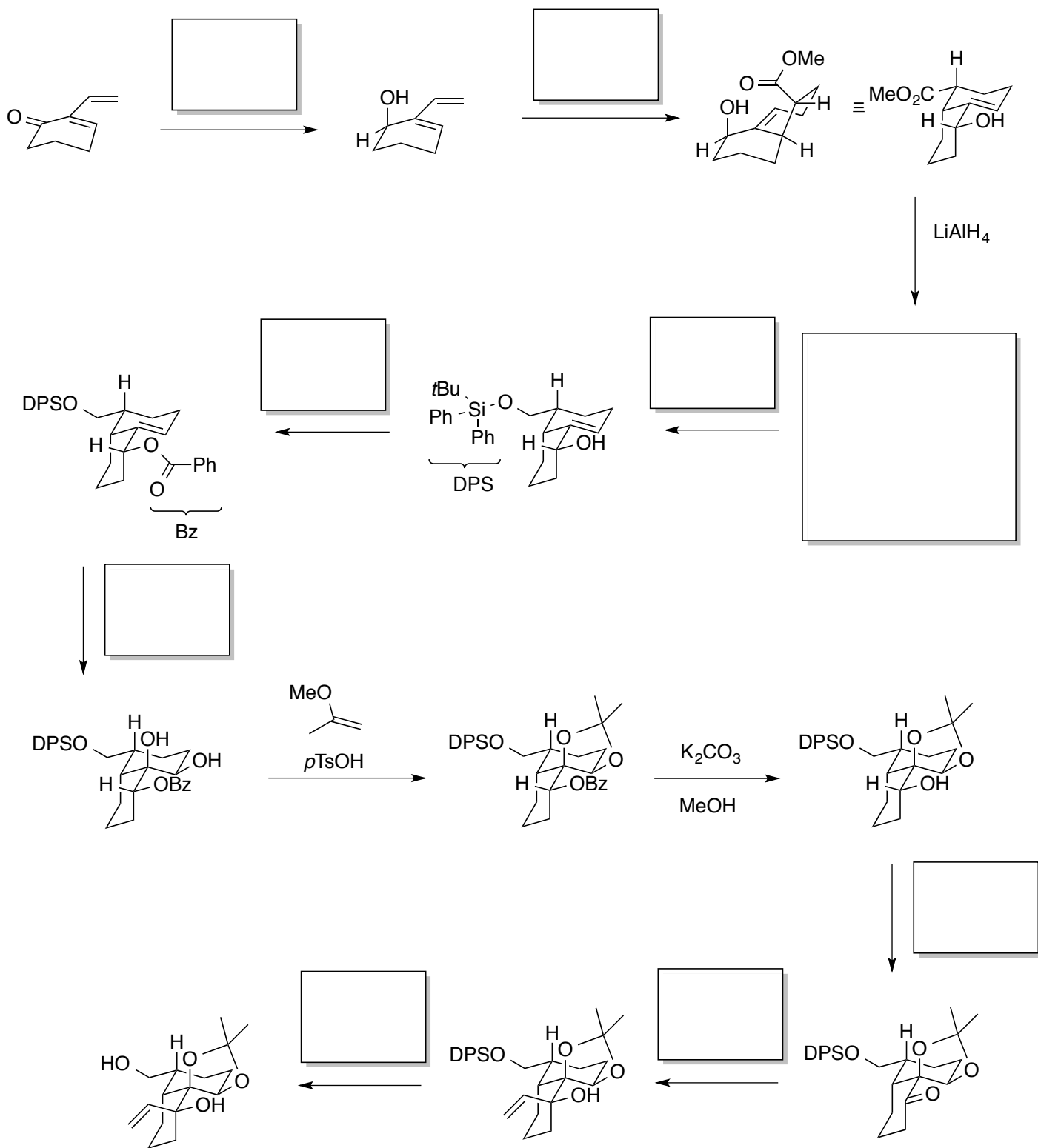
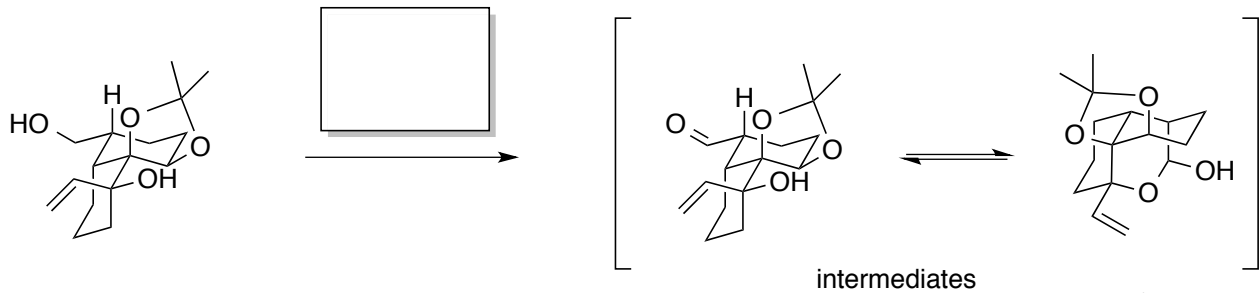


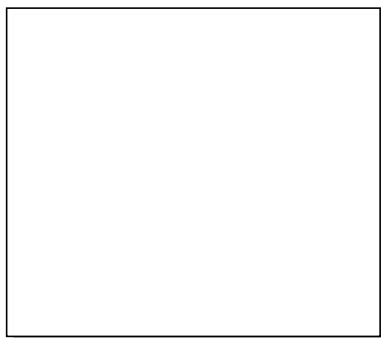
Partial synthesis of vinigrol, Louis Berriault, Ottawa, 2005

A fungal metabolite with antihypertensive properties; also inhibits platelet aggregation and is a tumor necrosis factor antagonist.





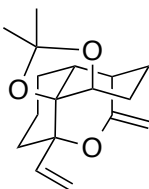
keeps reacting



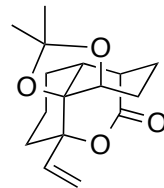
Claisen rearrangement (pericyclic)
(not observed)

heat, Lewis acid

X



Cp_2TiCl_2 , AlMe_3



Propose a reason why the hoped-for Claisen rearrangement did not work.

