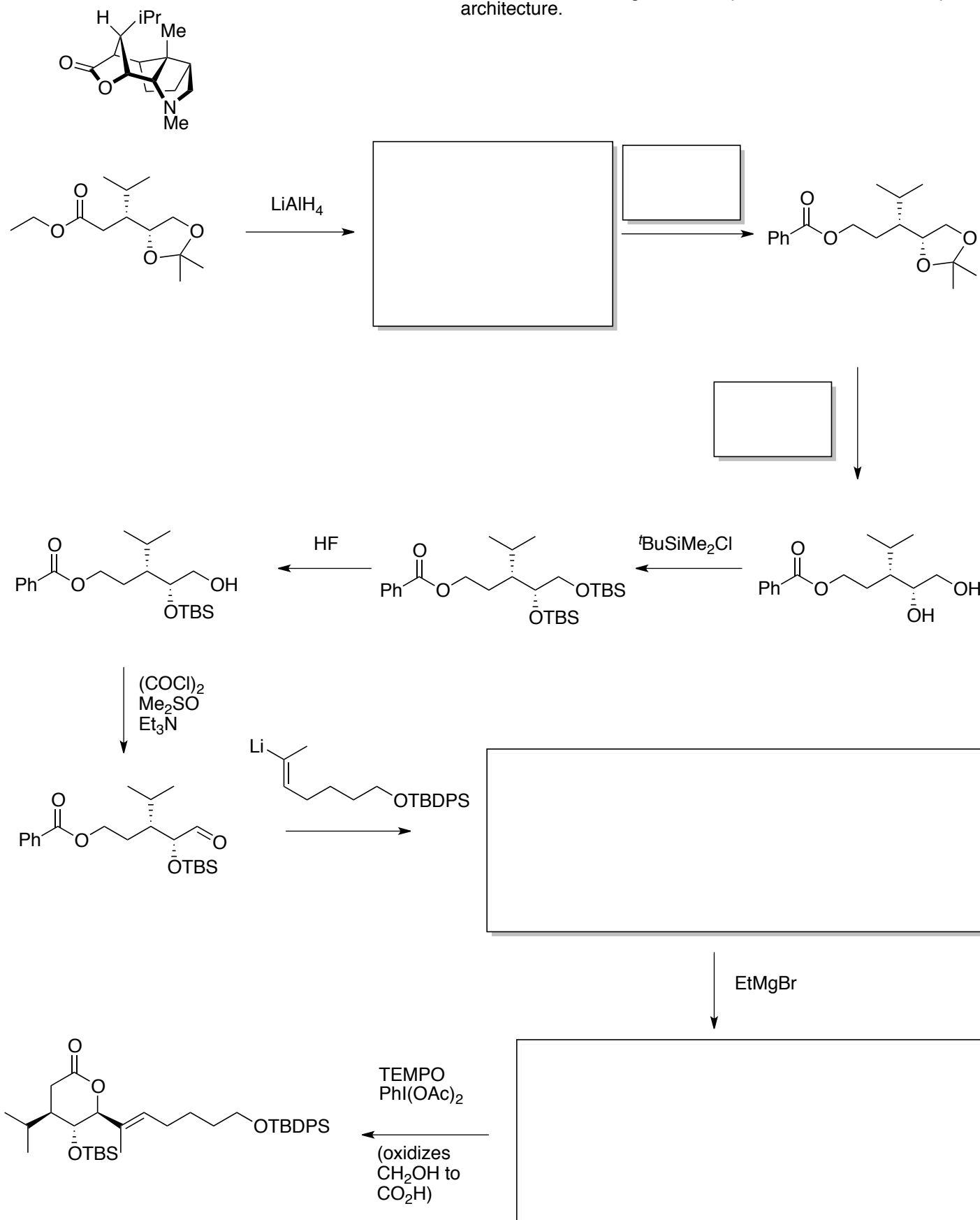
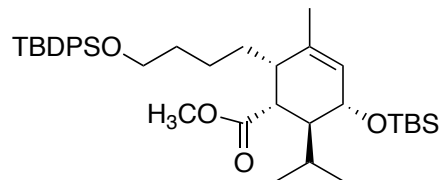
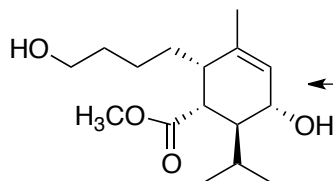
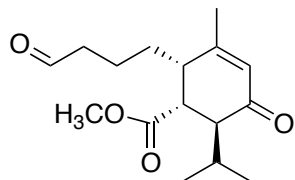
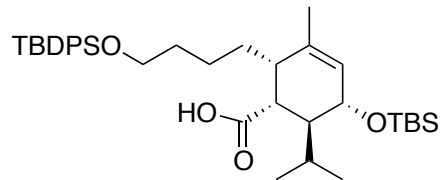
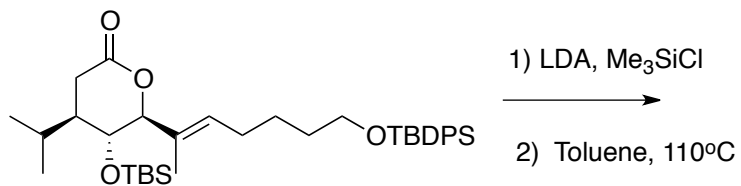


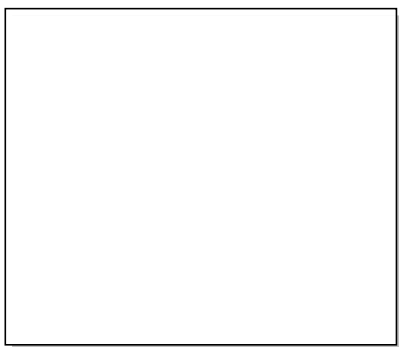
Total Synthesis of (-)-Dendrobine
Erick Carreira, ETH Zurich, 2012

(-)-Dendrobine is the most abundant alkaloid isolated from *Dendrobium nobile*, an orchid used in Chinese medicine. Carreira chose to target this compound because of its unique architecture.

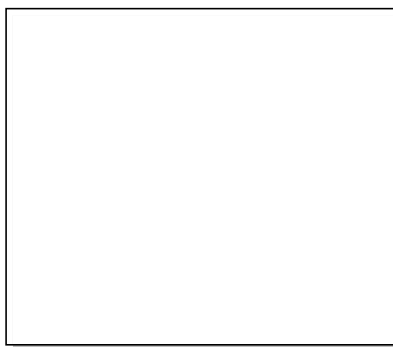




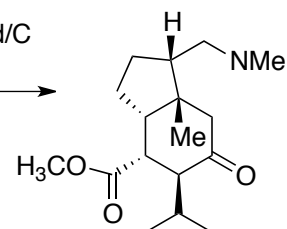
PhCH₂NMeH



2nd intra-
molecular
addition



H₂, Pd/C



PHT

