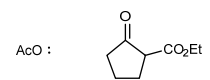
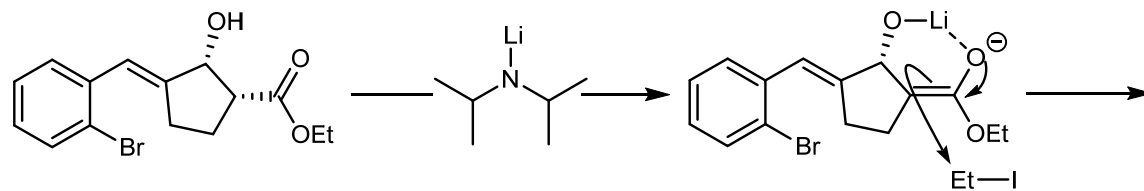
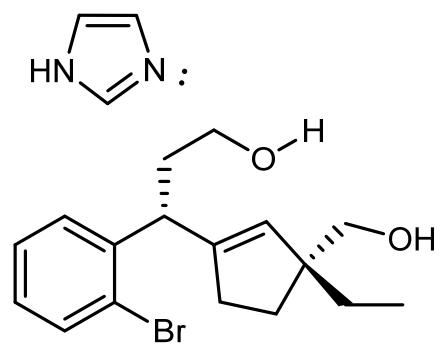
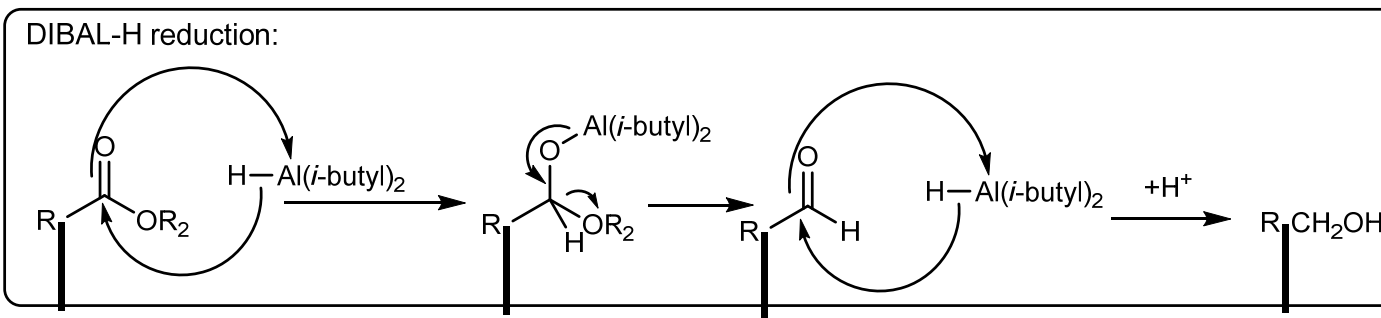


Schema 1. Retrosynthesis of (-) coniomitine (1)

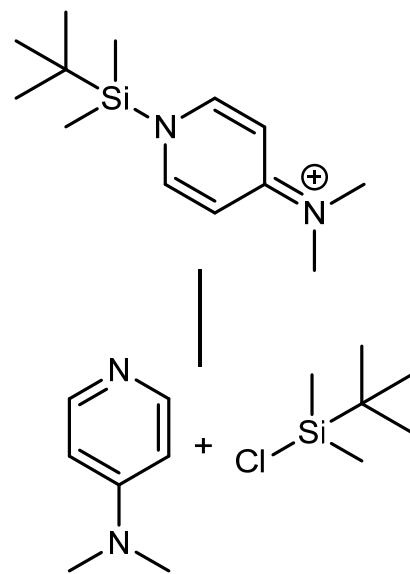


ethylation mechanism:

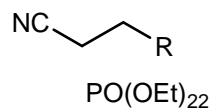
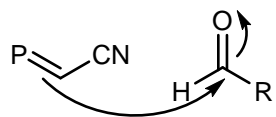




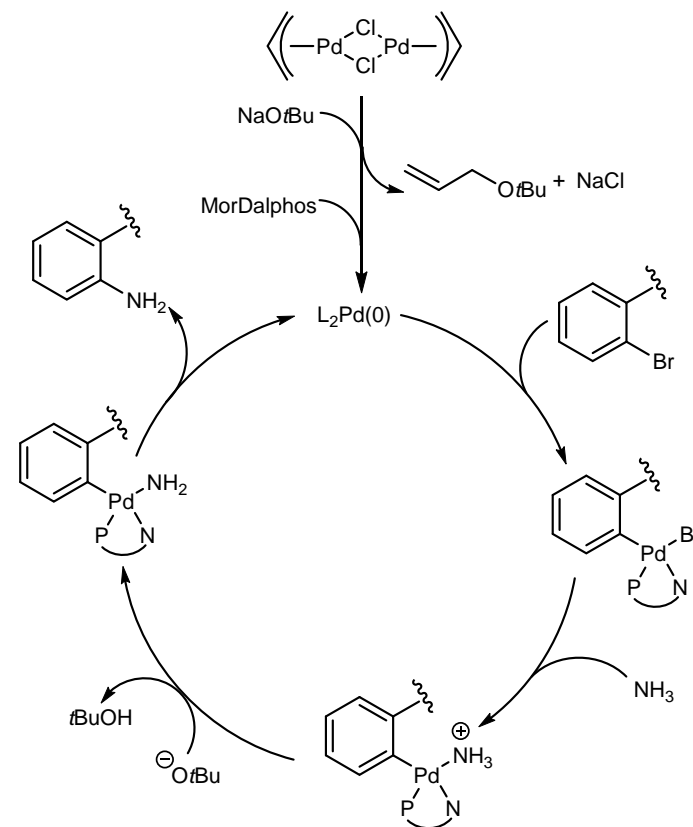
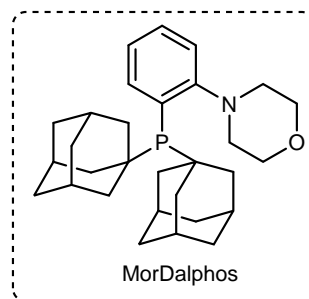
TBS protection:



Horner-Wadsworth-Emmons Olefination



Pd-MorDalphos catalyzed amination mechanism:



Boc protection:

