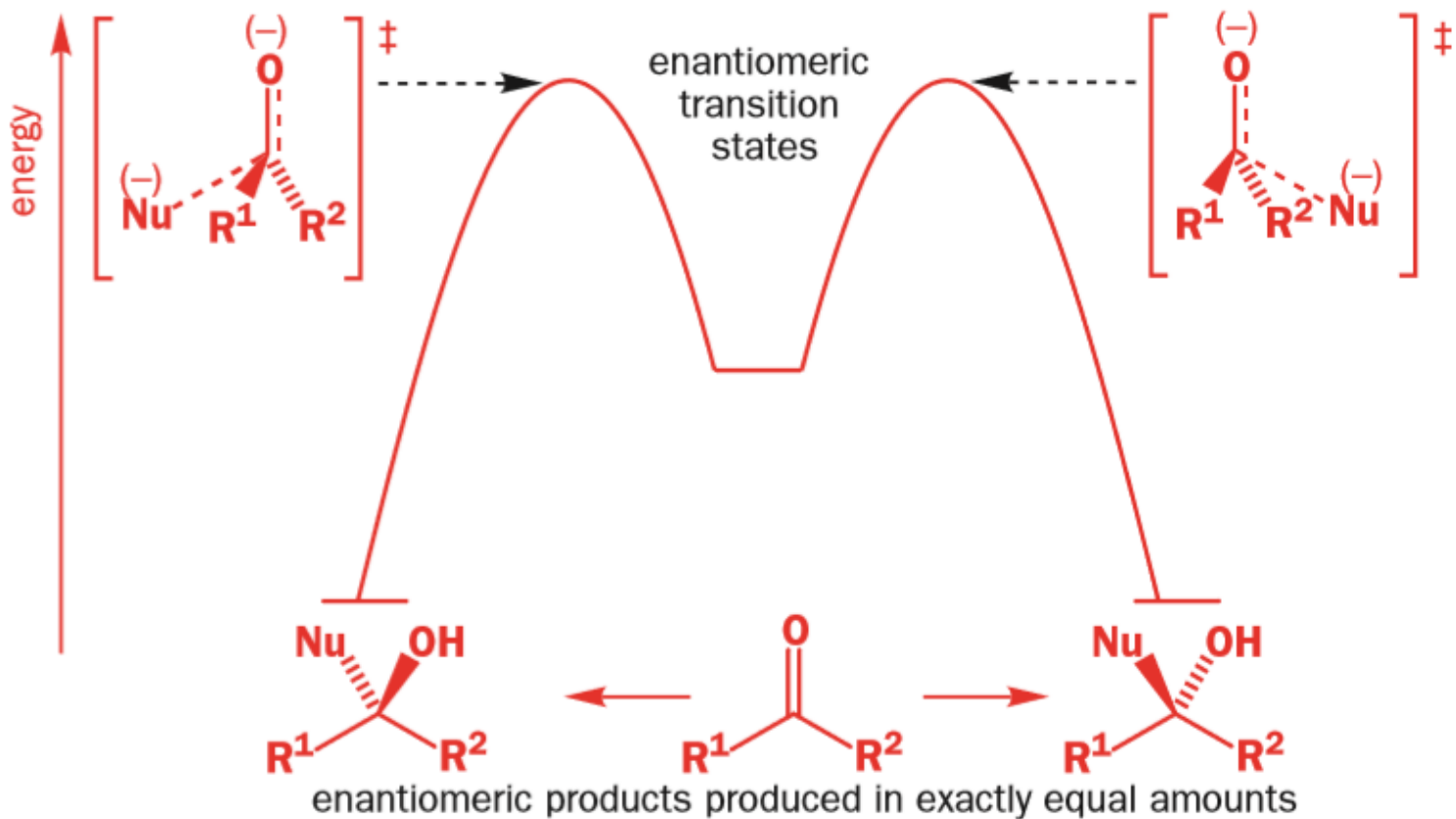
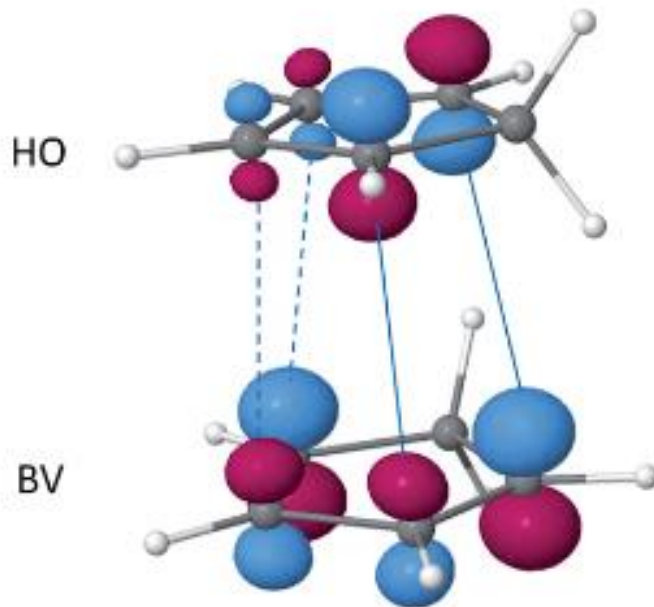
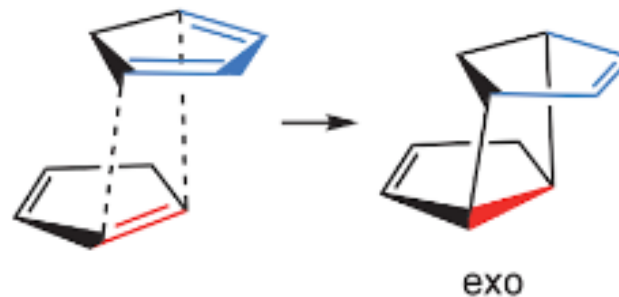
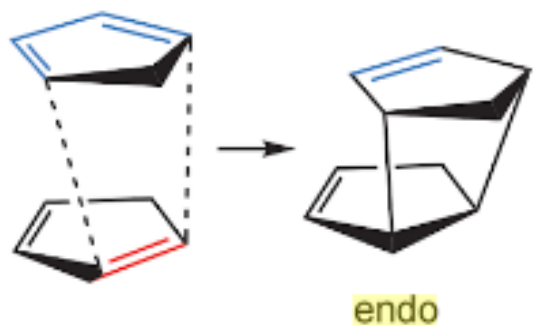


I.1. Addition nucléophile

nucleophilic attack on a ketone in an achiral environment.

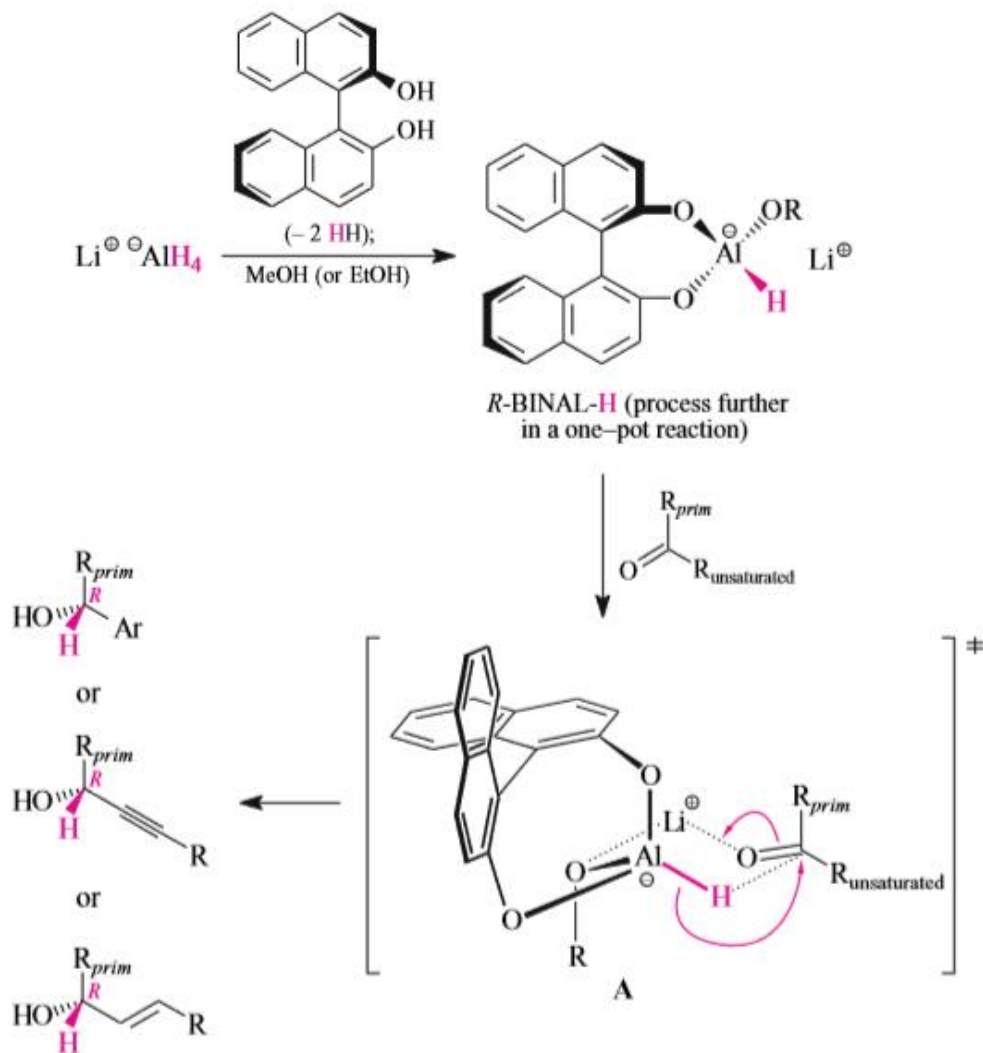


I.3. Cycloaddition



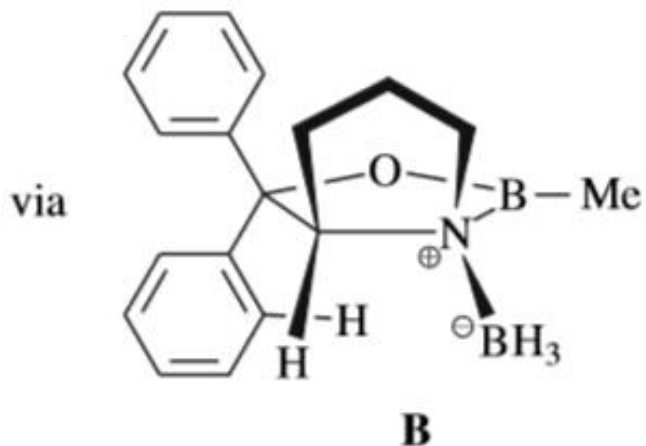
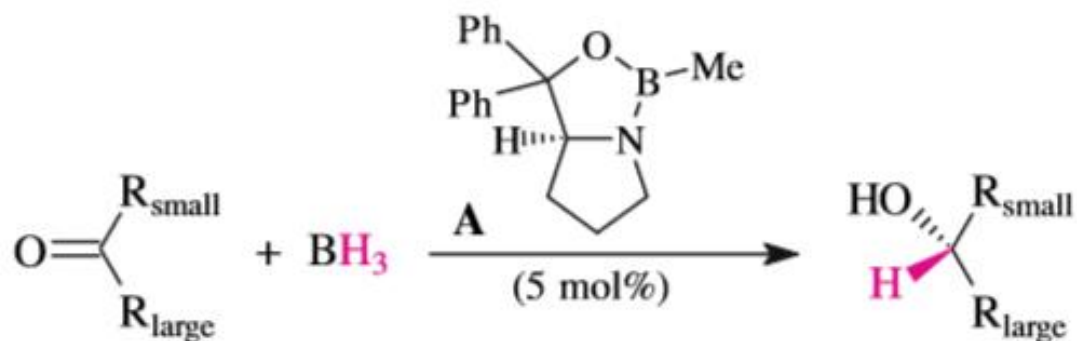
Source : Chaquin, Volatron, *Chimie organique une approche orbitale*, p136

II.2.a. Hydrures chiraux de Noyori

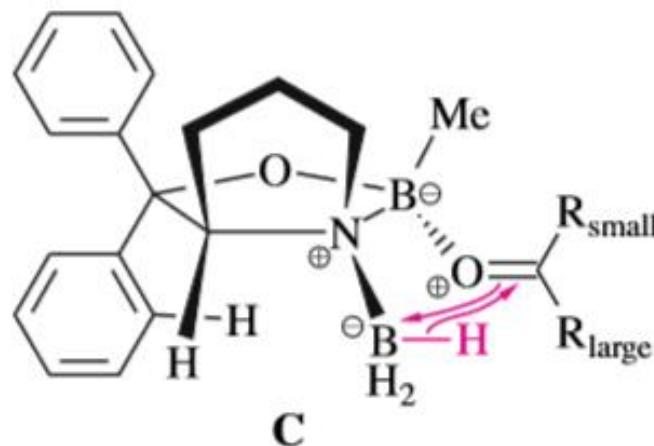


Source : Bruckner, *Organic Mechanisms*, 3rd edition
 p 422

II.2.a. Oxazaborolidine de Corey

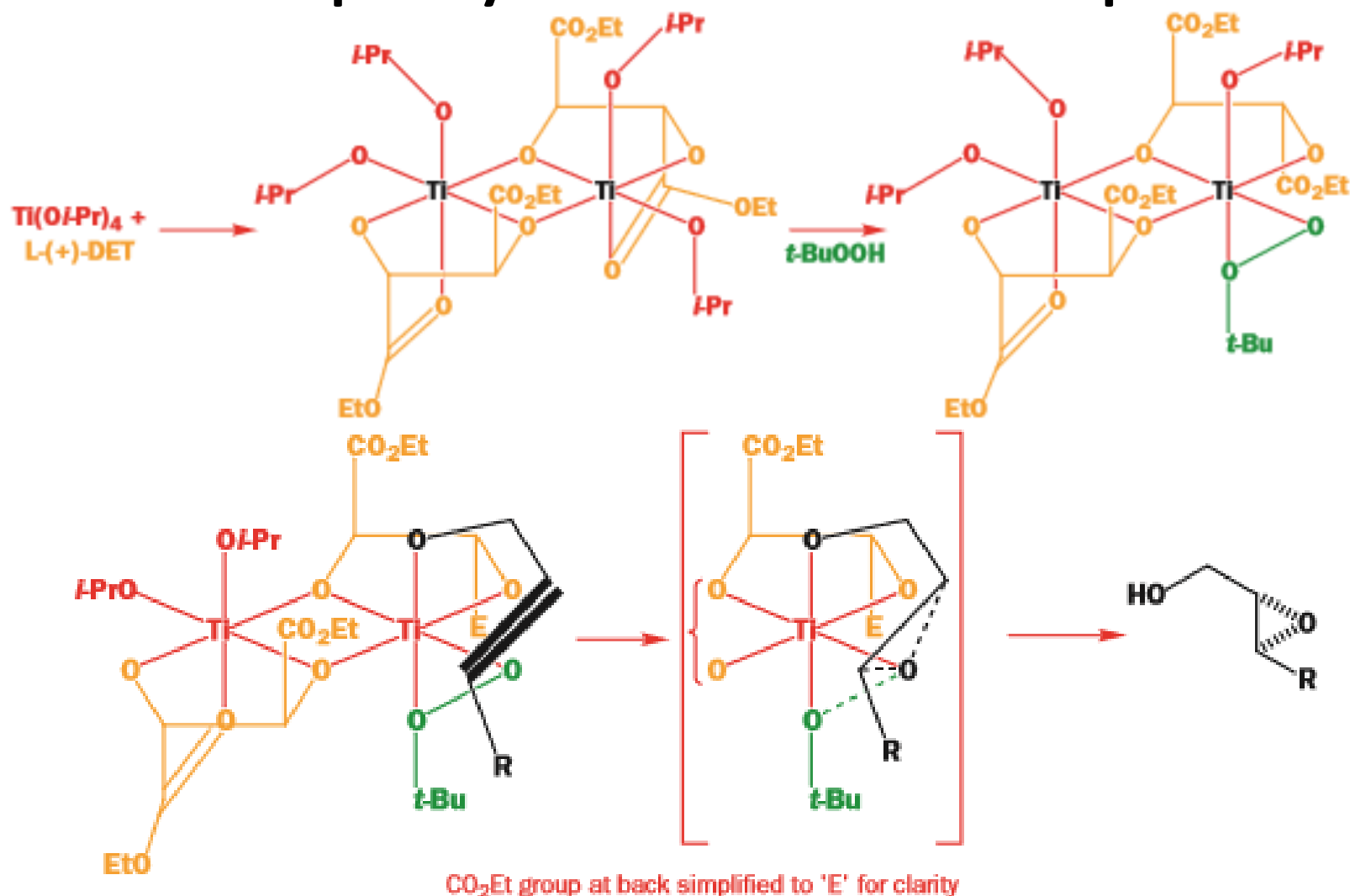


and



II.2.b. Hydroboration

II.2.c Époxydation de Sharpless



Source : Clayden, Greeves, Warren, *Organic Chemistry*, p 1243