Asymmetric Synthesis of Cyclopamine, a Hedgehog (Hh) Signaling Pathway Inhibitor

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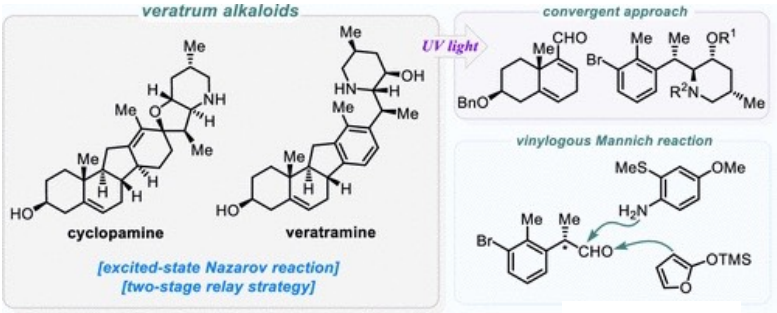
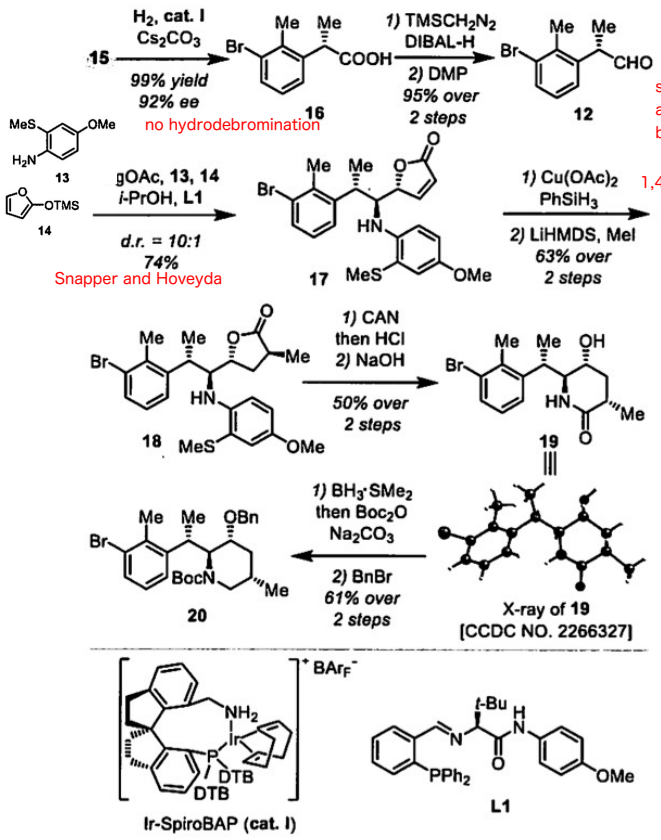
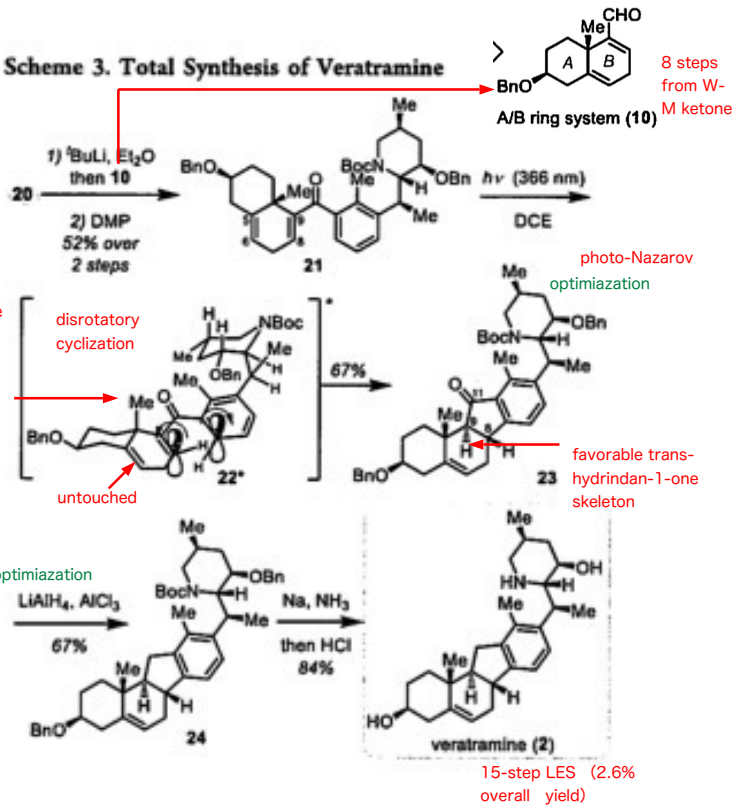
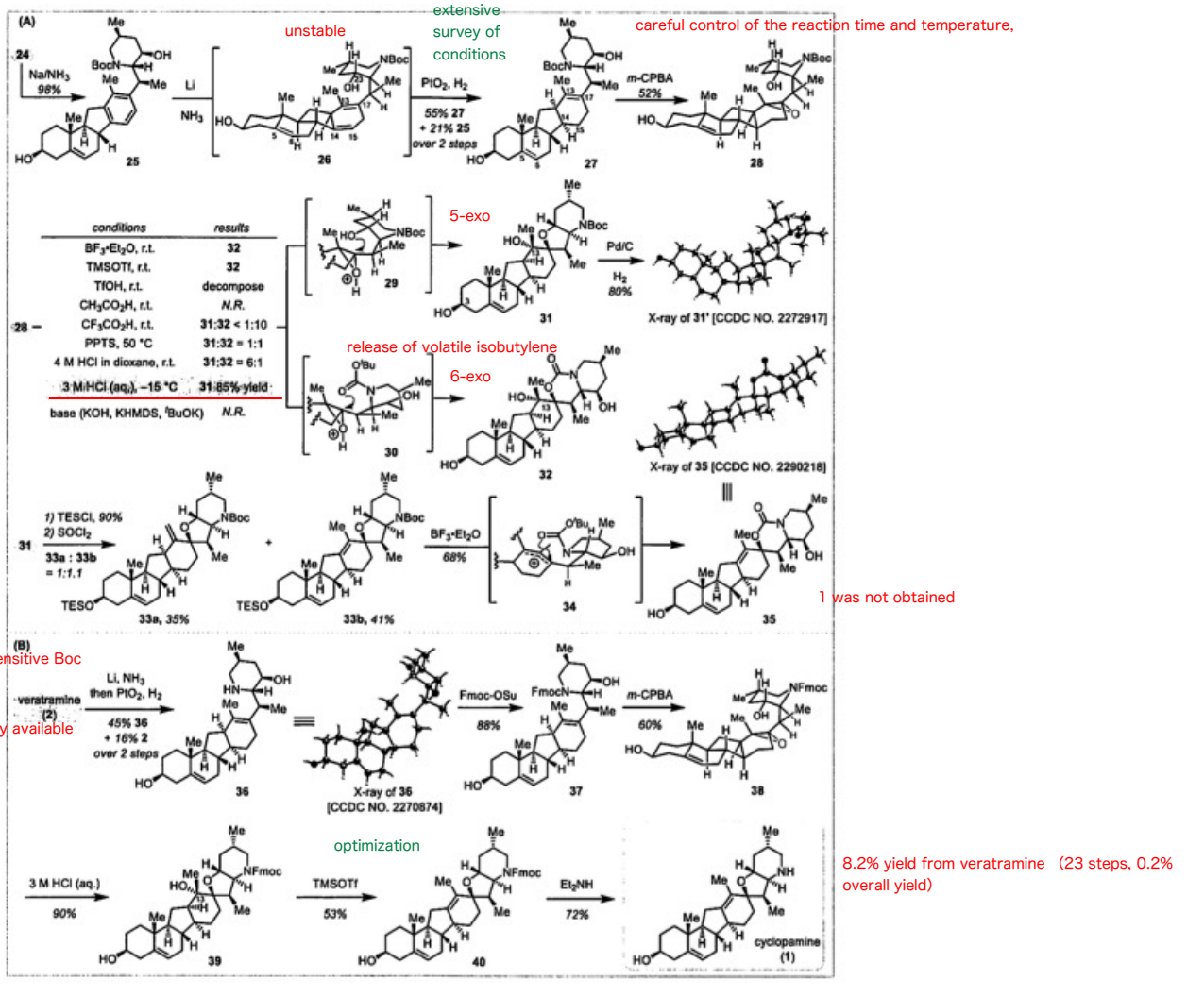
photoinduced excited-state Nazarov chemo-selective redox manipulations.



Scheme 2. Preparation of the D/F Ring System



Scheme 3. Total Synthesis of Veratramine