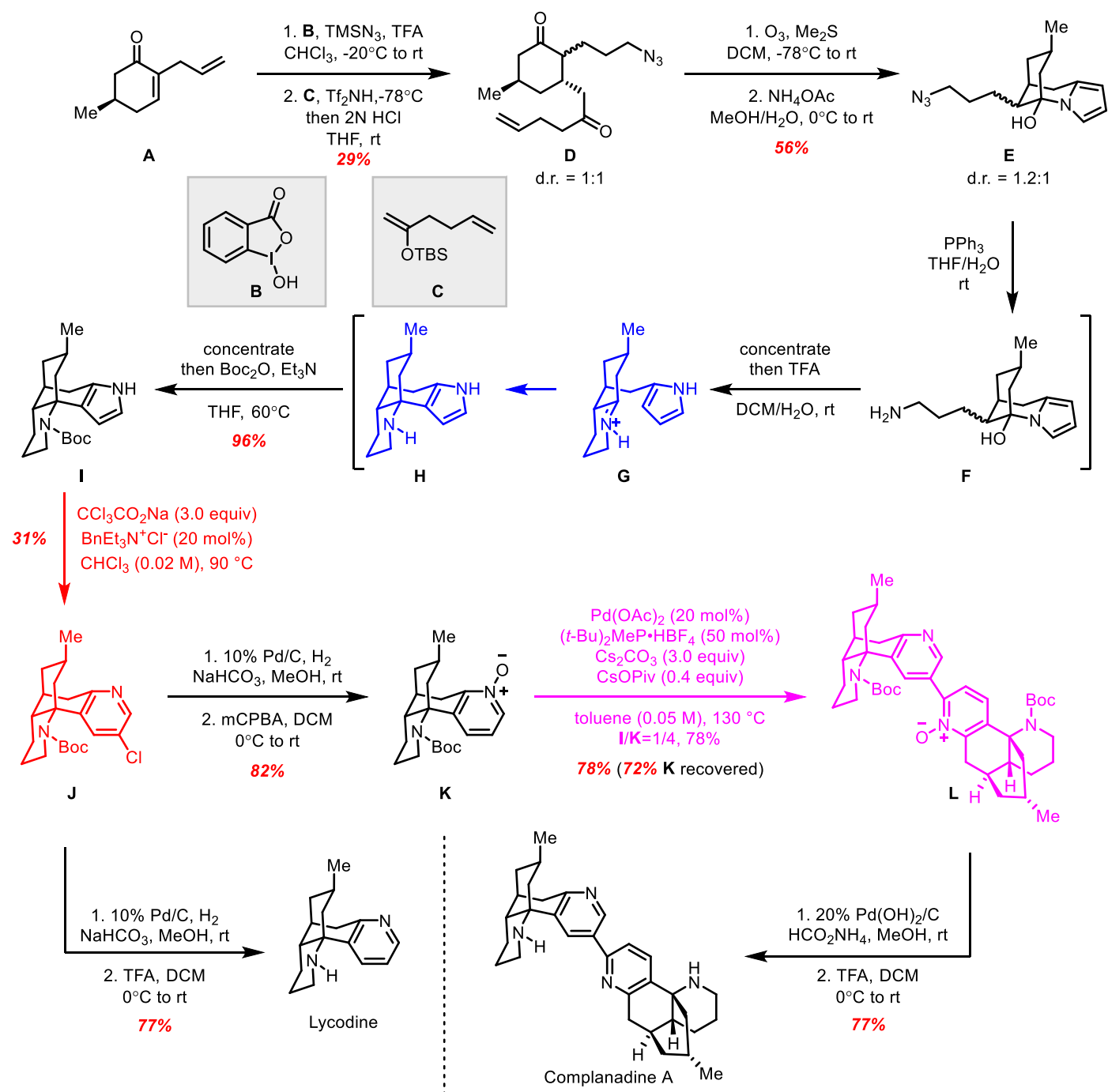




Key Steps:

- Mannich-type cyclization afforded tetracyclic product**
- Ciamician-Dennstedt rearrangement**
- C-H arylation provided Coupling product**

Significance:

- Total synthesis of Complanadine A and Lycodine.**
- Provides a reliable Pyrrole Strategy to the Total Syntheses of Pyridine-Containing Lycopodium Alkaloids.**