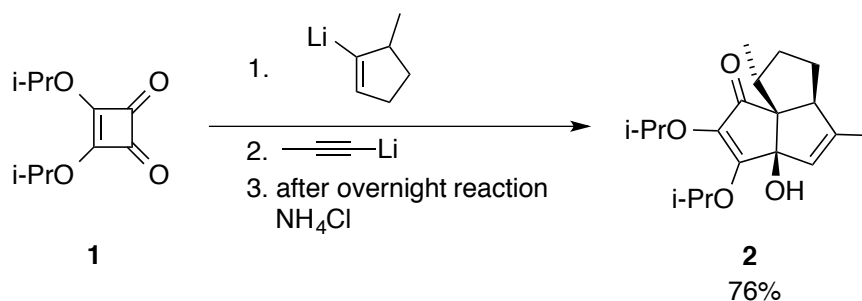
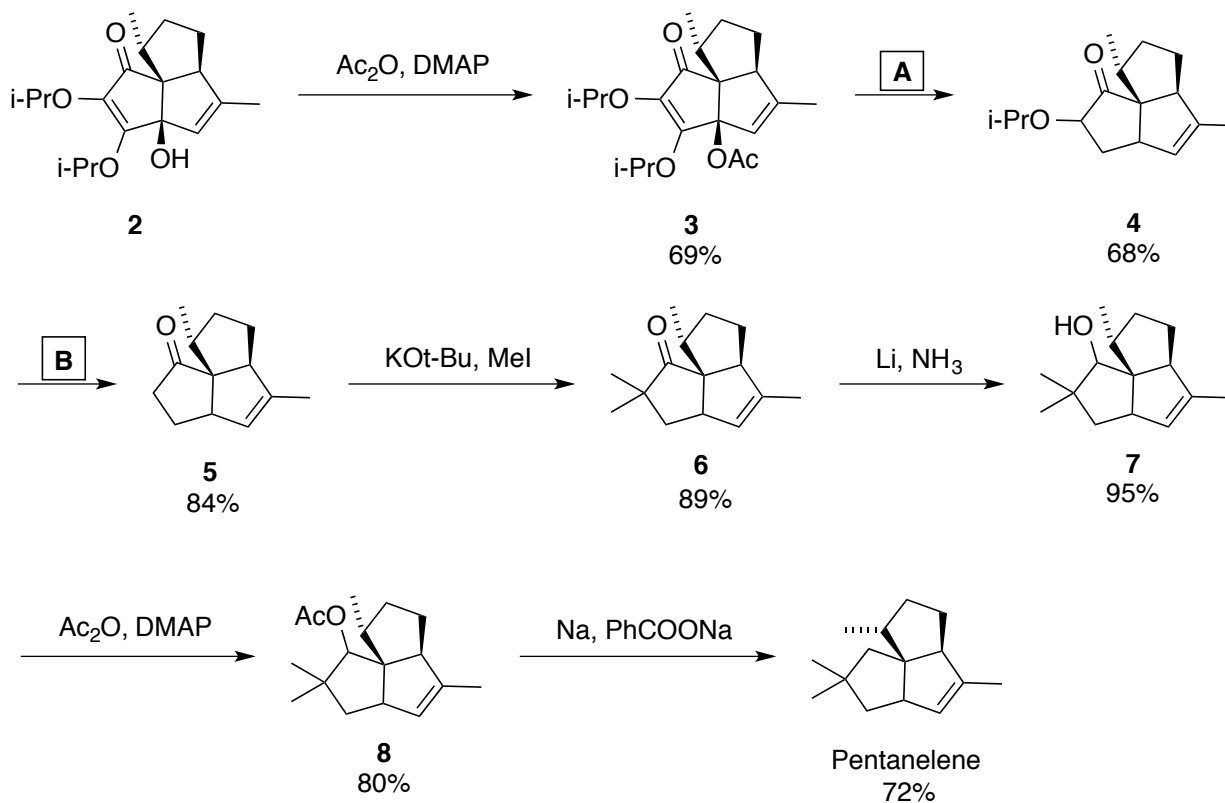


A Highly Abbreviated Synthesis of Pentalenene by Means of the Squarate Ester Cascade

Problem:



1. Propose a mechanism for the formation of **2** starting from Squarate (**1**). (Hints: Allene intermediate, Aldol reaction)



2. Propose conditions **A** and **B** (1 step).

