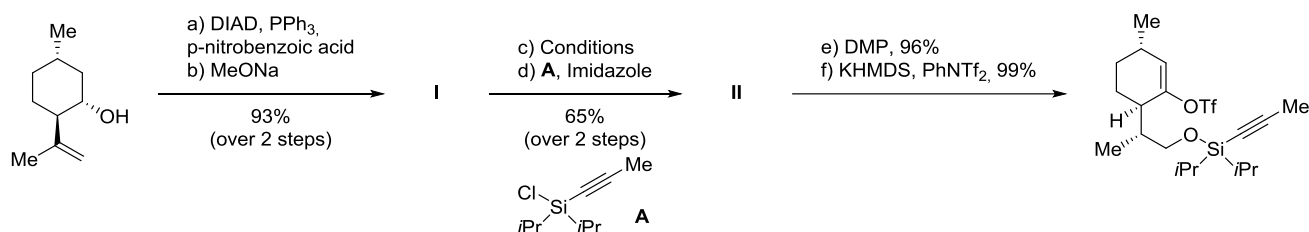


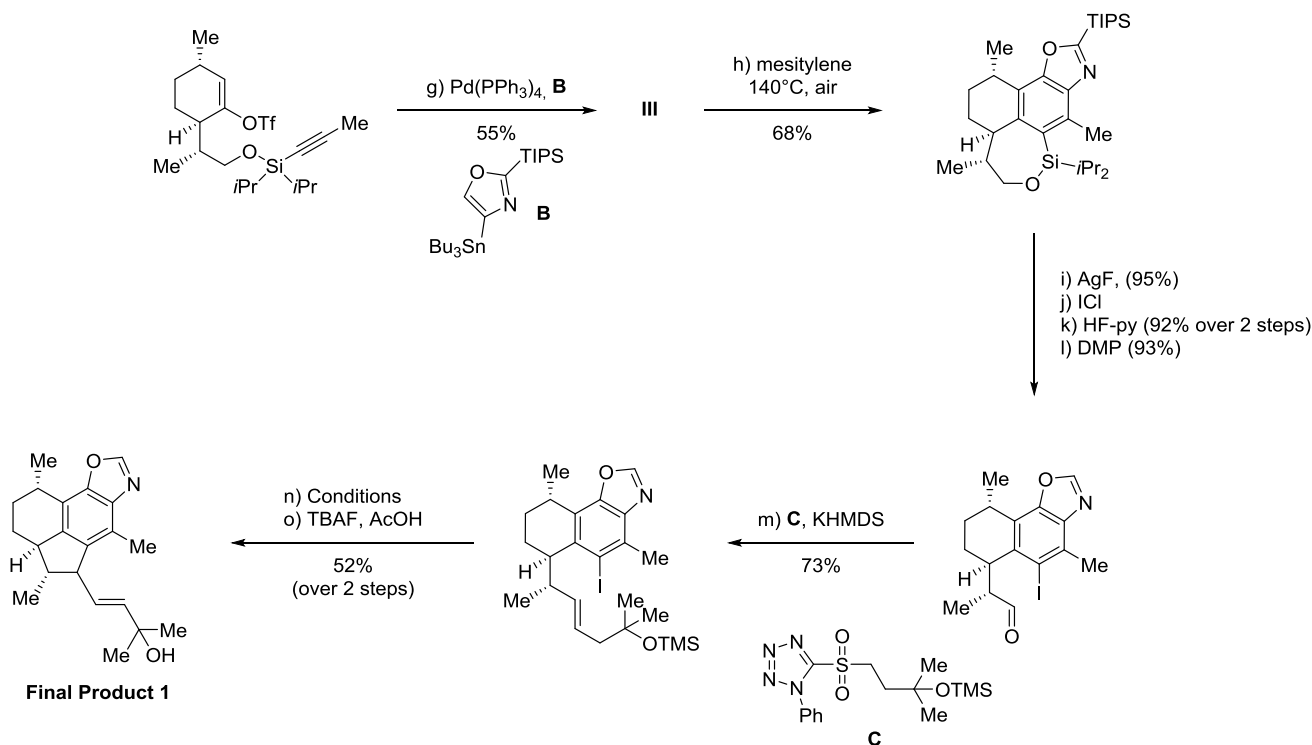
Natural Product Synthesis

To Warm Up :



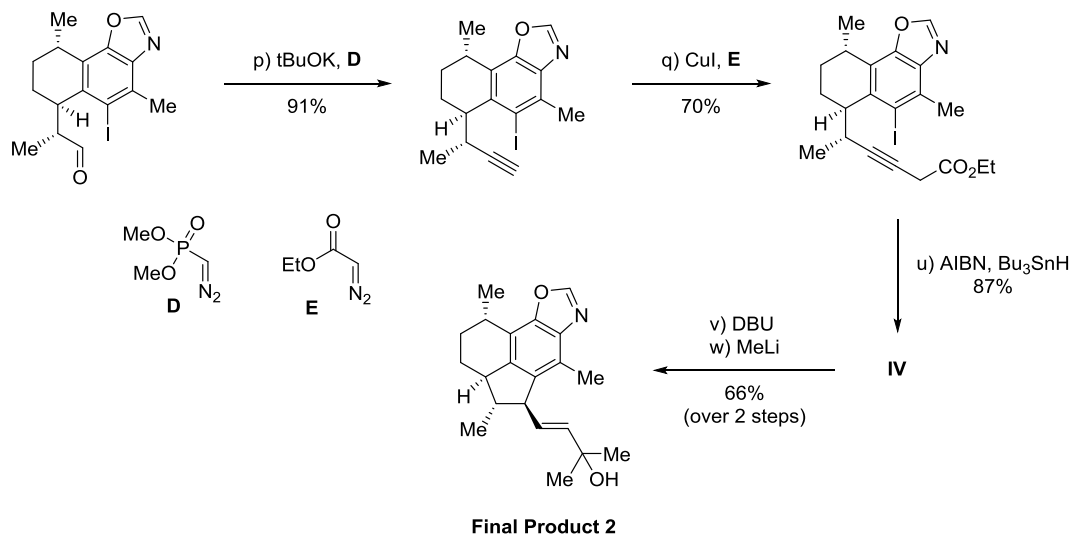
Determine the missing products **I** and **II**, the name for the step a) and the conditions for the step c).

Name Reactions :



Give the name of the reactions g), m) and n), the conditions for the step n), the missing product **III** and the mechanism of g), h), m) (explain the selectivity E/Z) and n).

Something Familiar :

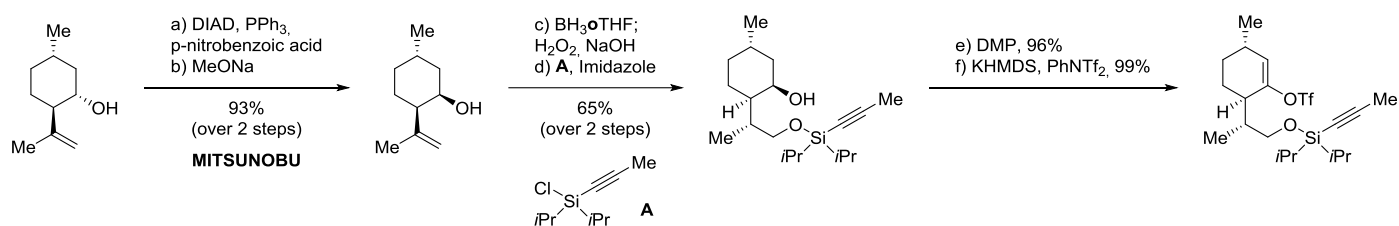


Give the mechanism of the steps p) et u) and the product **IV**.

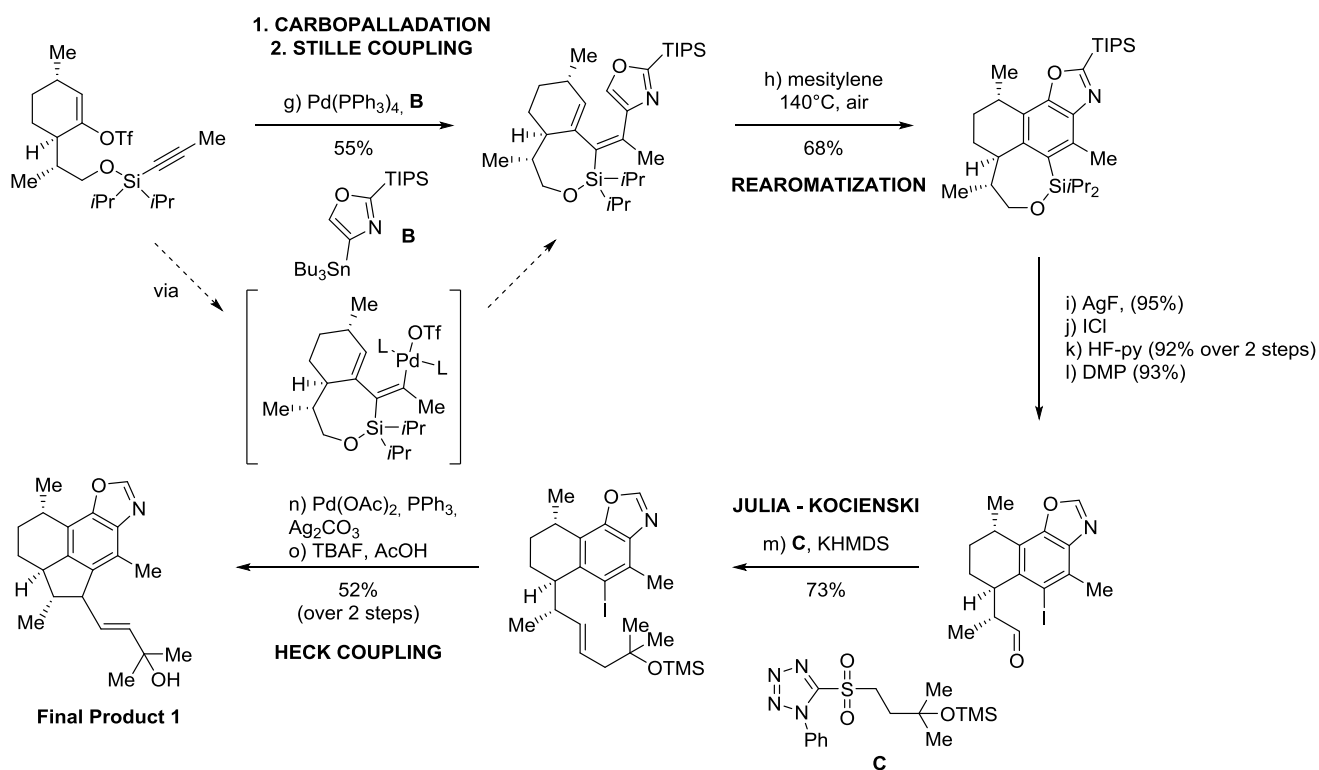
Natural Product Synthesis Solution

Ref : M. Yang, X. Yang, H. Sun, A. Li, *Angew. Chem. Int. Ed.* **2016**, *55*, ASAP

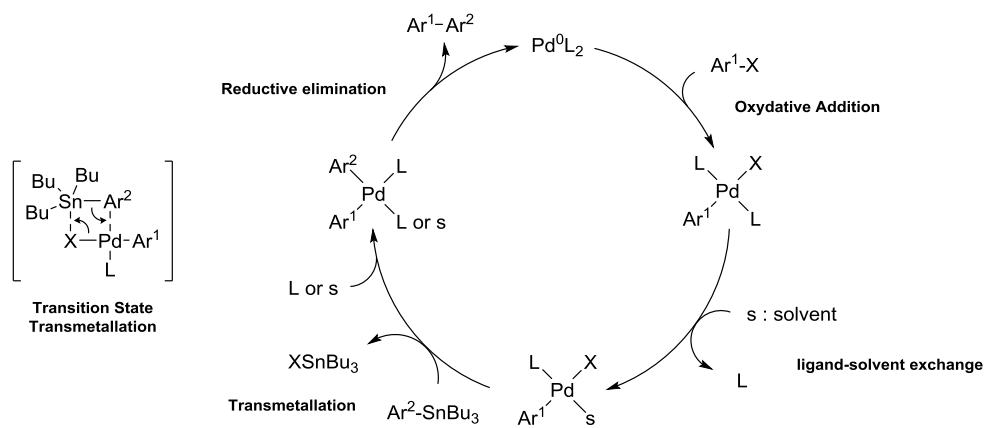
To Warm Up:



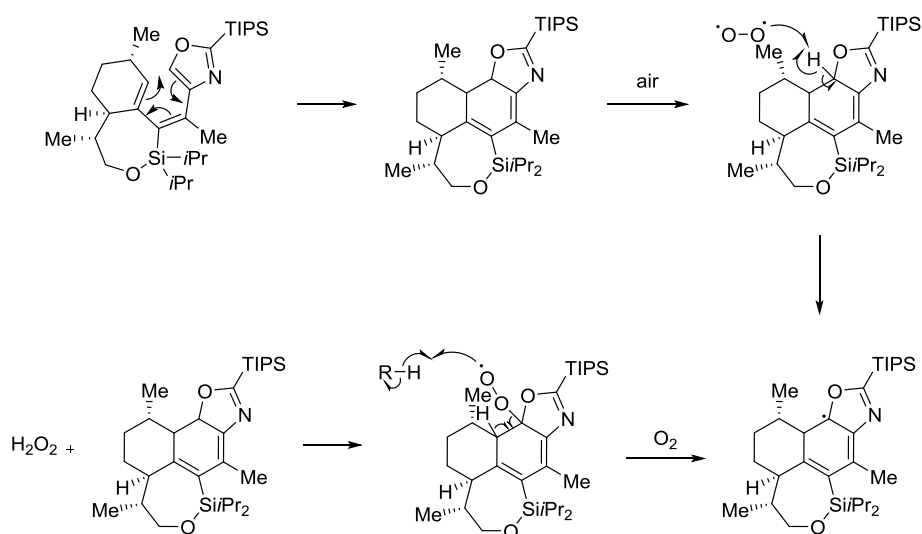
Name Reactions:



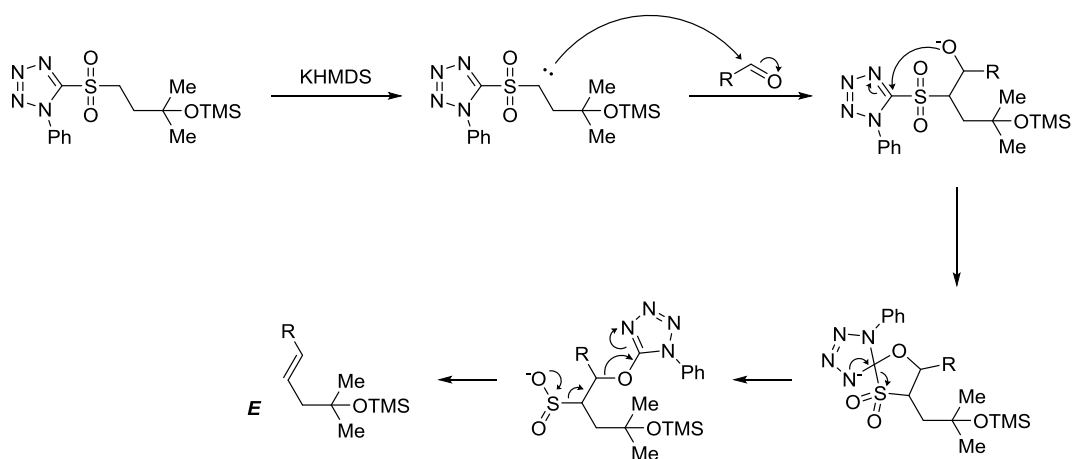
Stille coupling:



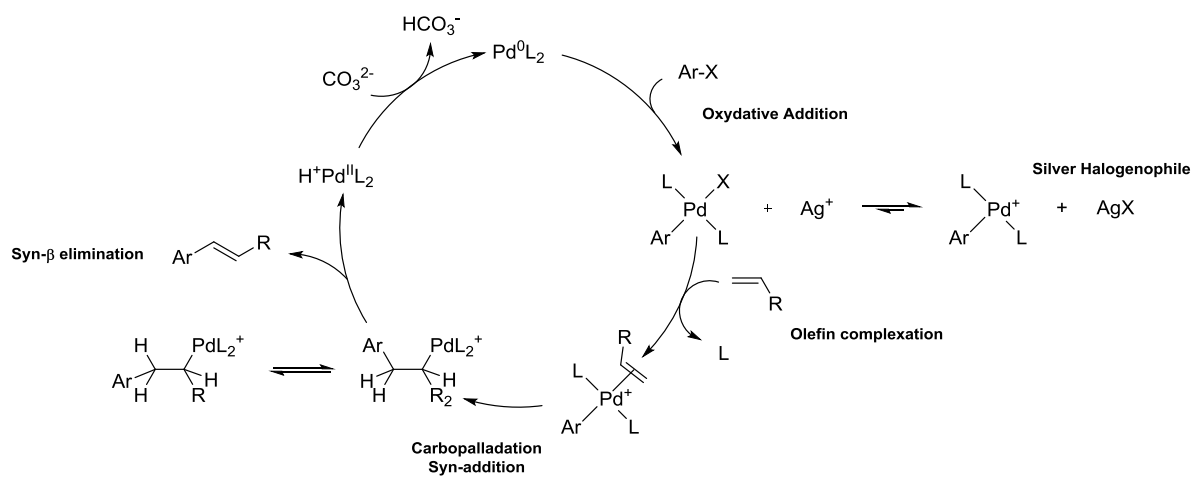
Rearomatization Process :



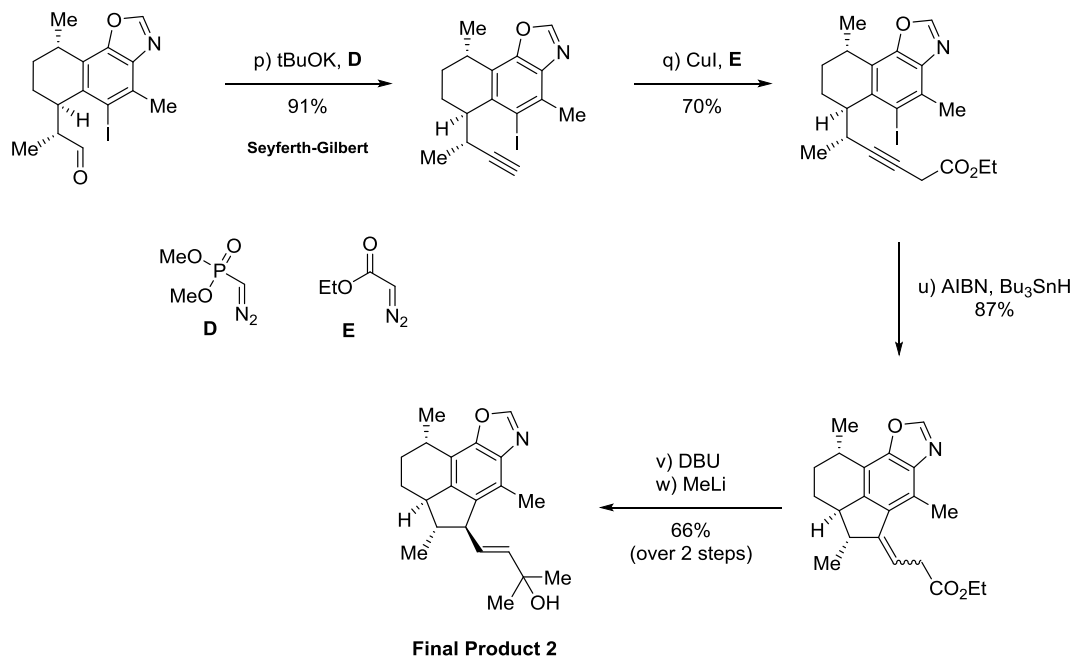
Julia-Kociensky:



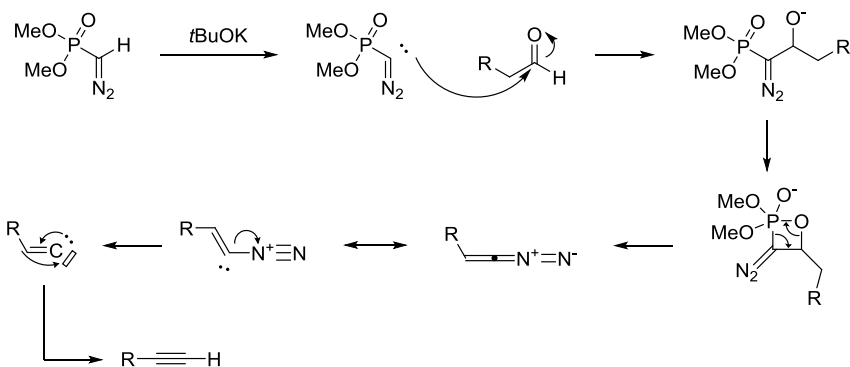
Heck Coupling:



Something Familiar:



Seyferth-Gilbert Homologation:



Radical Cyclization :

