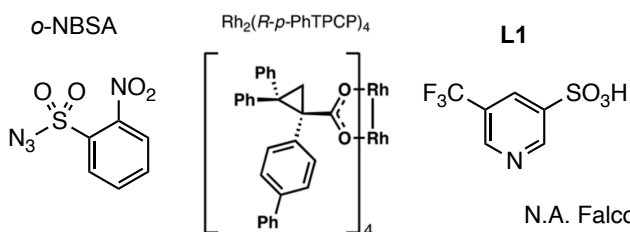
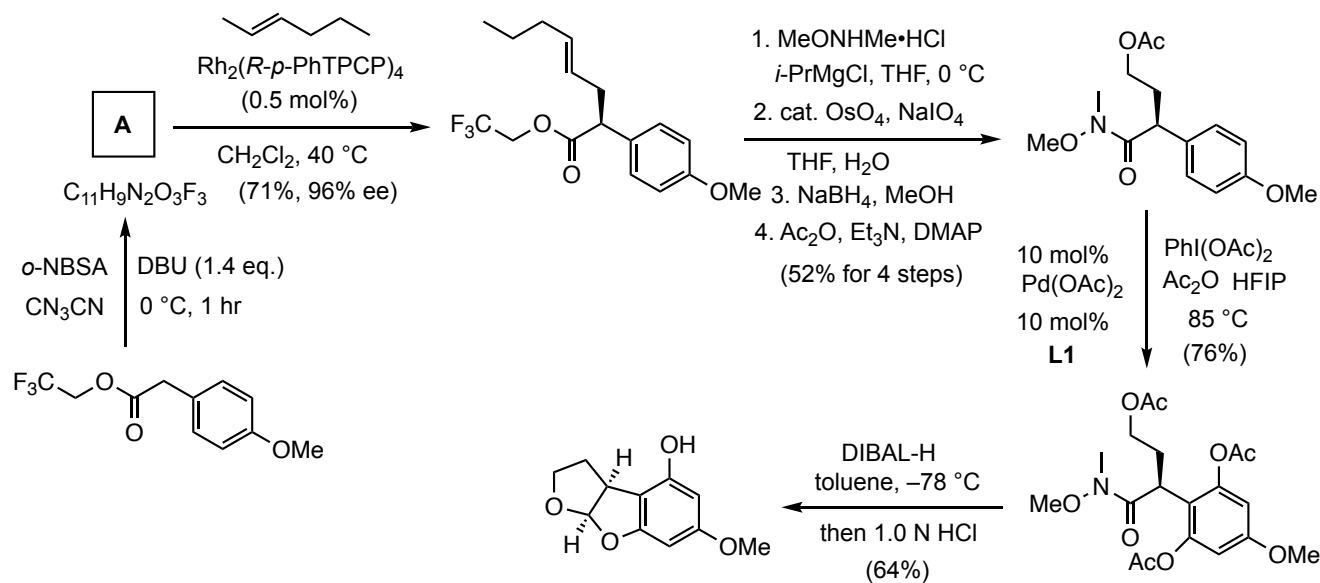
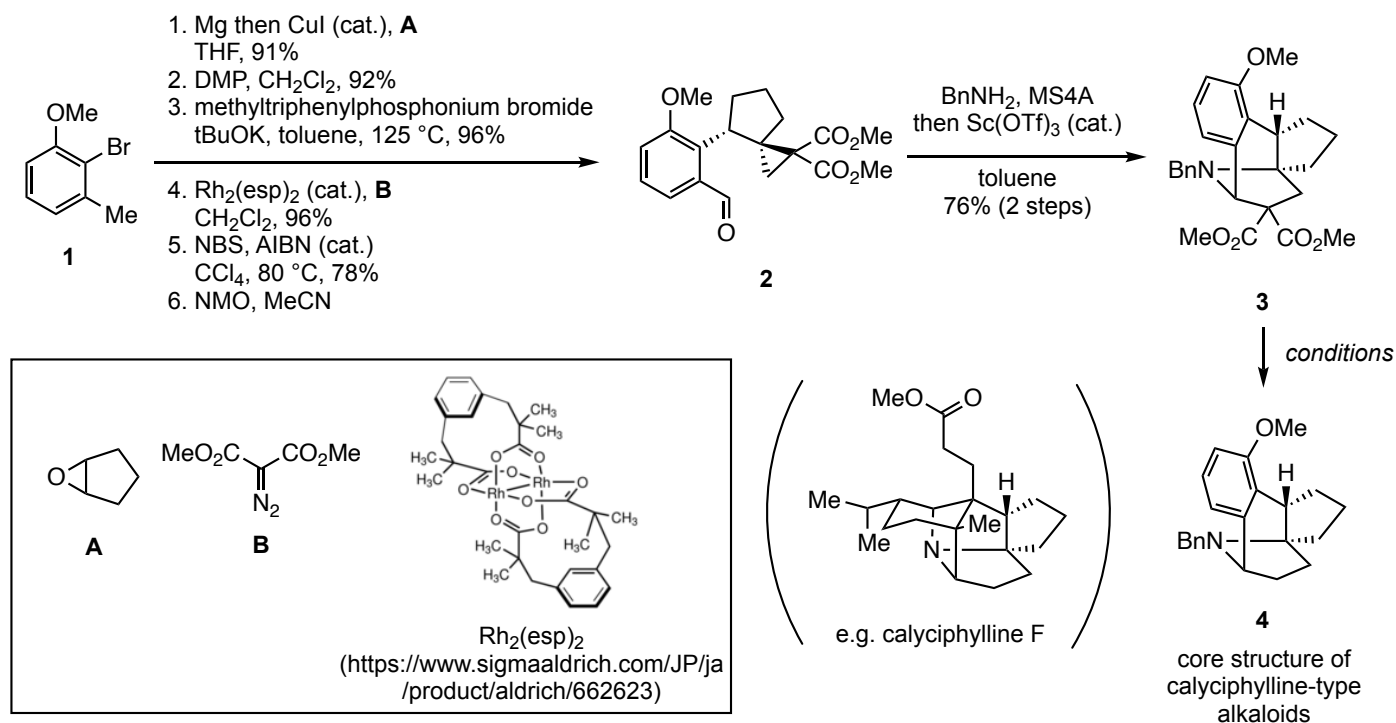


Q. Propose structure of **A** as well as reasonable arrow-pushing mechanisms.



N.A. Falcone, A. T. Bosse, H. Park, J.-Q. Yu, H. M. L. Davies, E. J. Sorensen
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Q1: Explain a reasonable mechanism of the transformation from **1** to **2** and **2** to **3**.

Q2: Propose a reaction conditions to accomplish the desired transformation from **3** to **4** (lit. 3 steps).