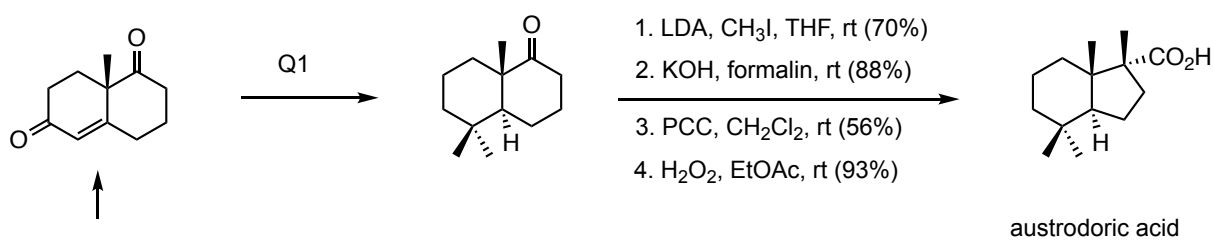


Ding, Y.; Wang, L.; Chen, Y. *et al. Org. Lett.* **2019**, ASAP  
 (doi: 10.1021/acs.orglett.9b02363)

Q1. Propose a reasonable synthesis plan: (The authors achieved this transformation in 4 steps)

Q2: Propose reasonable intermediates and mechanisms of the following transformations.



Q0: Give the trivial name of this particular diketone.