

**M.Sc. Semester-IV**  
**Core Course-9 (CC-9)**  
**Synthetic Organic Chemistry**



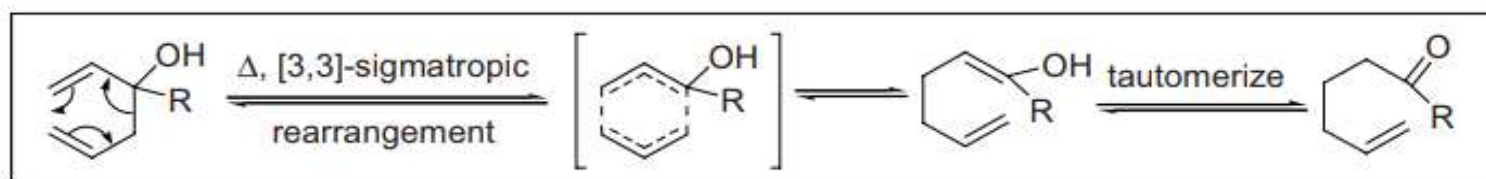
**II. Pericyclic Reactions**  
**16. Oxy-Cope Rearrangement**



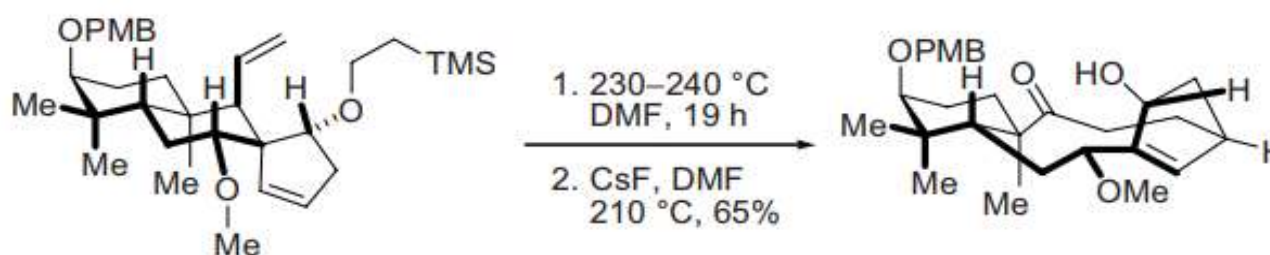
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## Oxy-Cope rearrangement

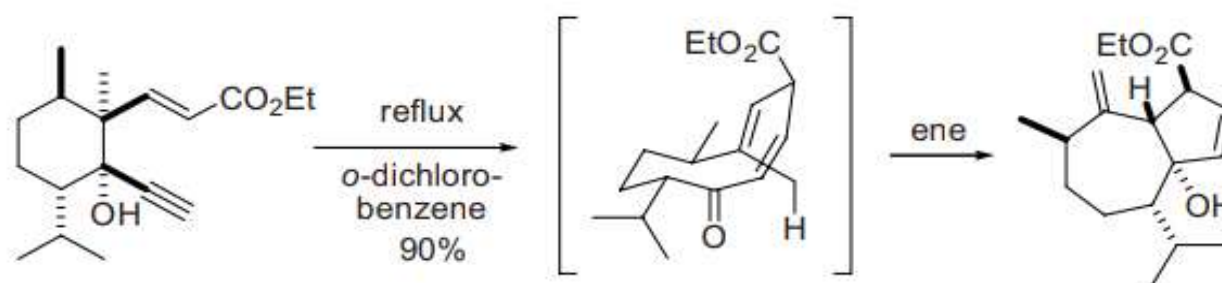
While the anionic oxy-Cope rearrangements work at low temperature, the oxy-Cope rearrangements require high temperature but provide a thermodynamic sink.



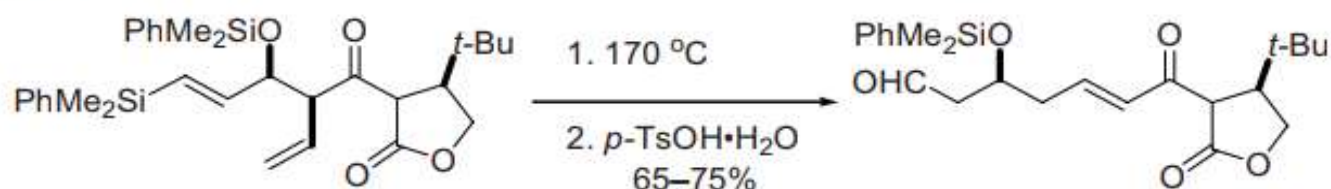
### Example 1<sup>2</sup>



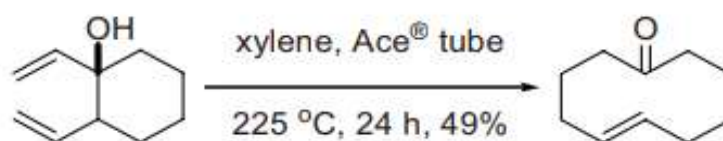
### Example 2<sup>3</sup>



### Example 3<sup>4</sup>



### Example 4<sup>6</sup>



## References

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