

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

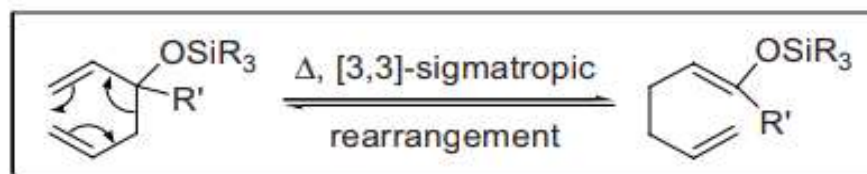


**II. Pericyclic Reactions**  
**18. Siloxy-Cope Rearrangement**

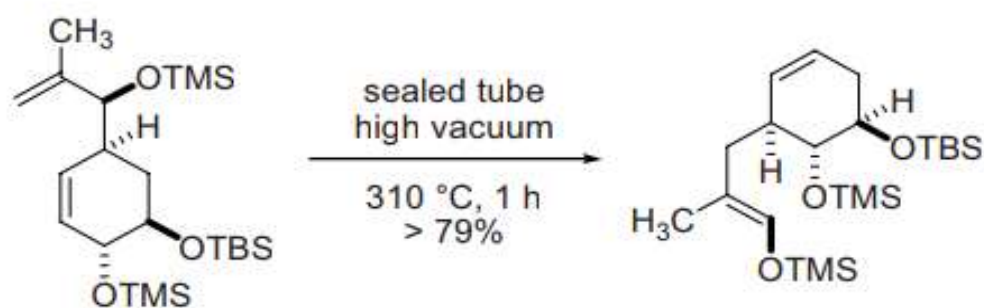


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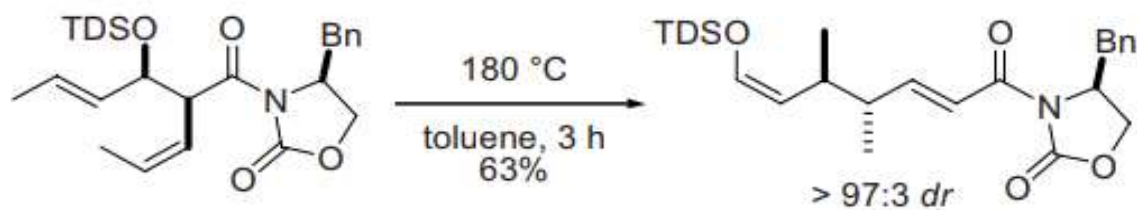
## Siloxy-Cope rearrangement



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

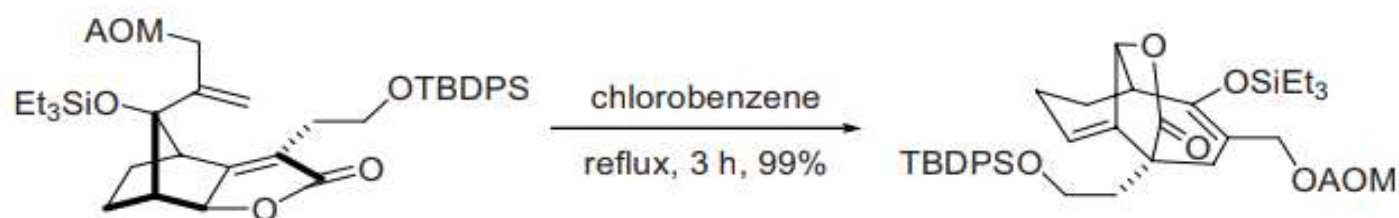


### Example 2<sup>2</sup>



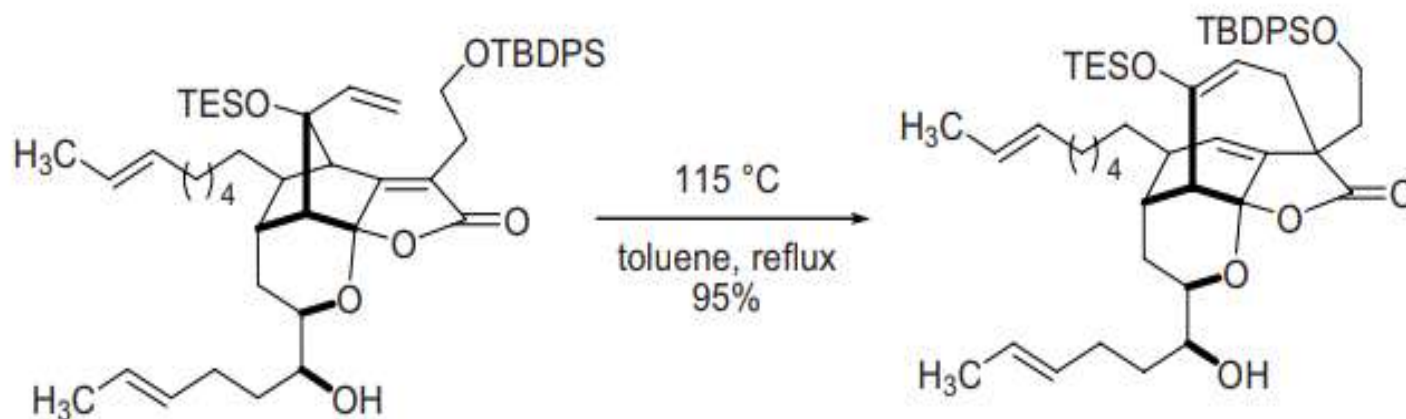
TDS = tethyldimethylsilyl

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



AOM = *p*-Anisyloxymethyl = *p*-MeOC<sub>6</sub>H<sub>4</sub>OCH<sub>2</sub>-

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



## References

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3. Clive, D. L. J.; Sun, S.; Gagliardini, V.; Sano, M. K. *Tetrahedron Lett.* **2000**, *41*, 6259–6263.
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5. Mullins, R. J.; McCracken, K. W. *Cope and Related Rearrangements*. In *Name Reactions for Homologations-Part II*; Li, J. J., Corey, E. J., Eds.; Wiley & Sons: Hoboken, NJ, **2009**, pp 88–135. (Review).

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