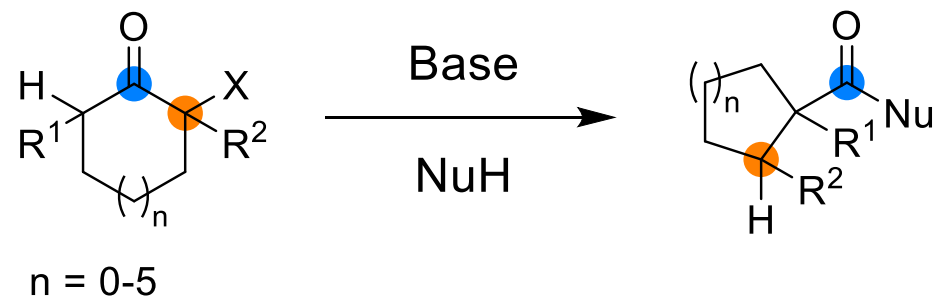
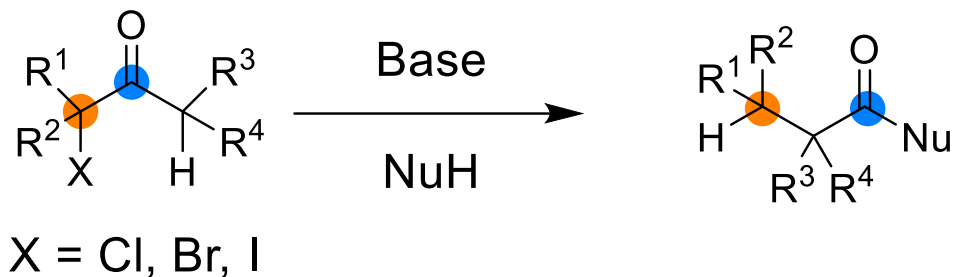


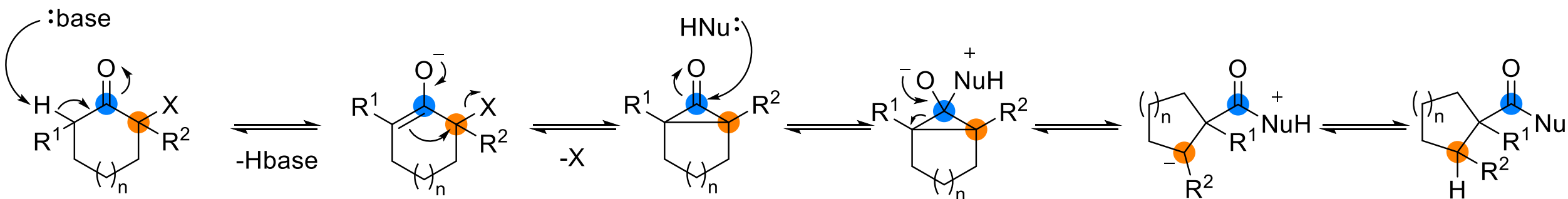
Reaction of the Week

09/23/2021

The Favorskii Rearrangement

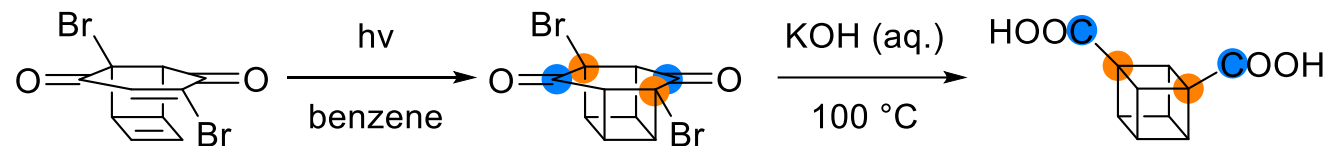


Mechanism:

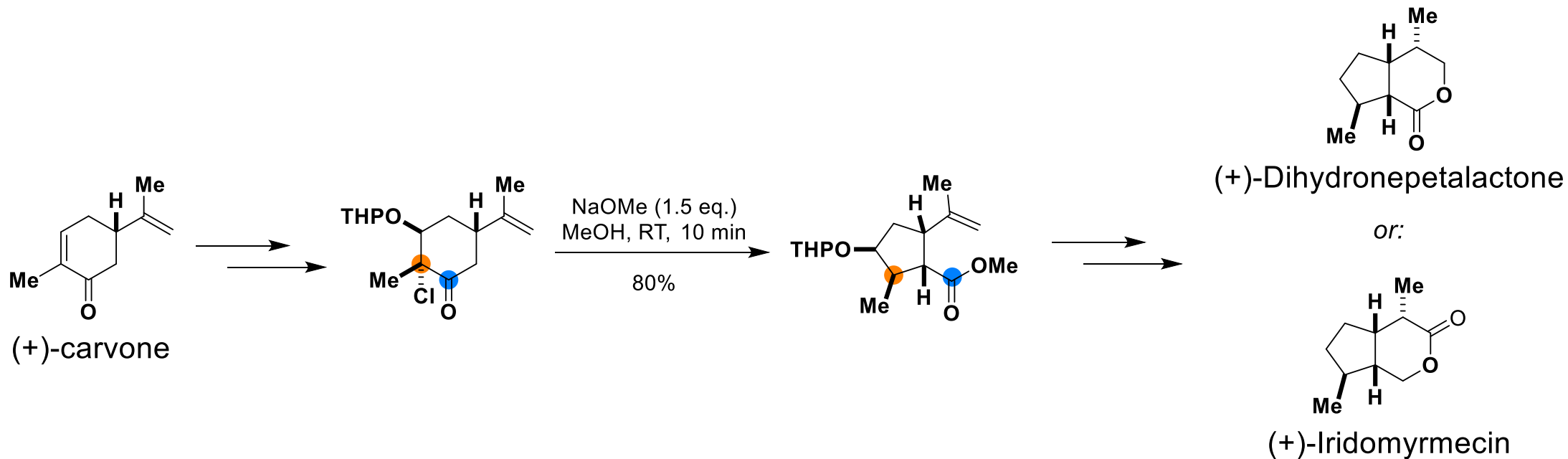


Opening of the cyclopropanone intermediate proceeds to the most stable carbanion.

Applications

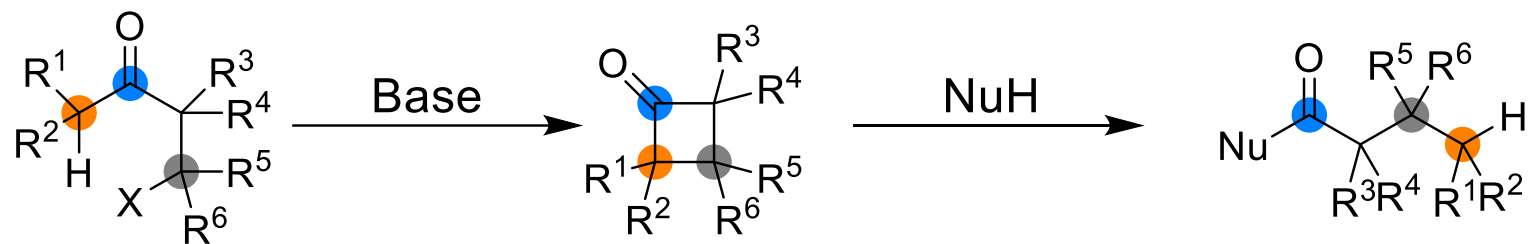


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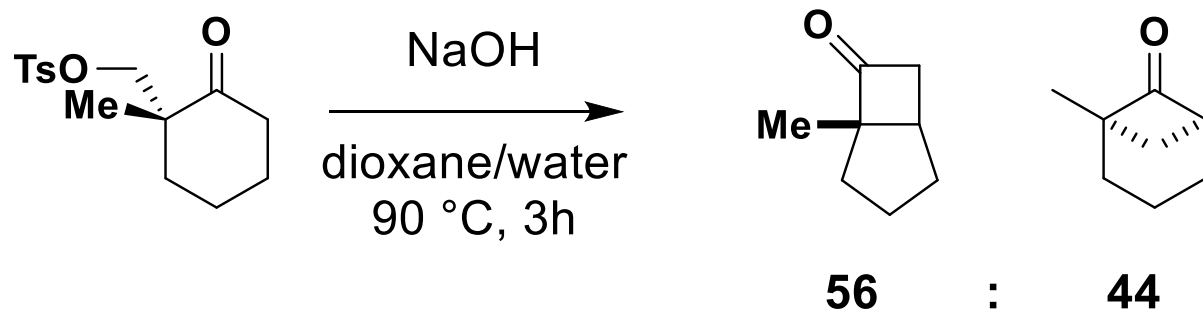


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Homo-Favorskii



X = Cl, Br, I, OTs



Liming Zhang & Masato Koreeda, *Org. Lett.*, **2002**, 4 (21), 3755-3758

Further Reading

Among others:

- Myers group, 'Methods for Rung Contraction' , Chem 115 ([link](#))
- Chenier, P.J., *J. Chem. Educ.* **1978**, 55, 5, 286
- Schenk and co-workers, *J. Am. Chem. Soc.* **1971**, 93 (13), 3208–3216