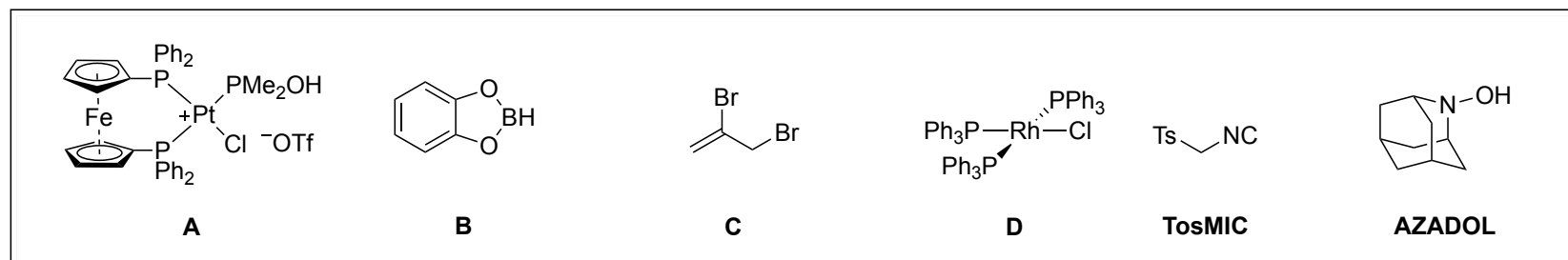
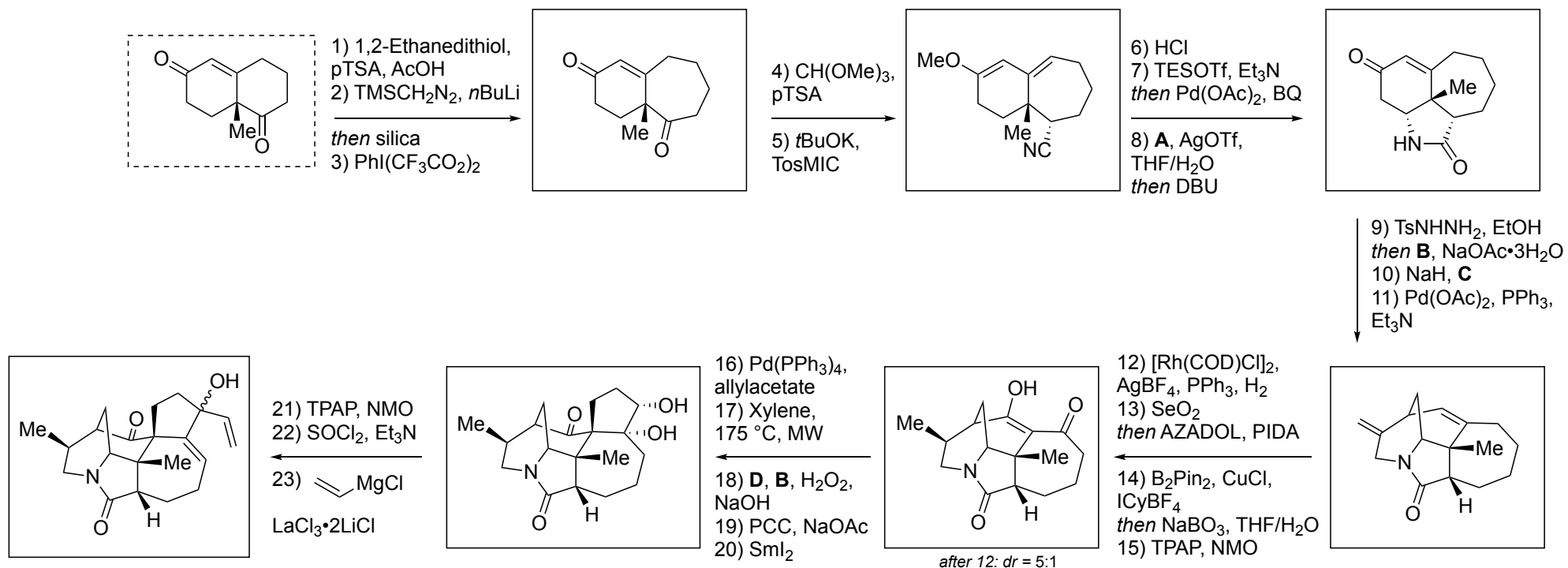


E196: Total Syntheses of Calyciphylline A-Type Alkaloids^[2]

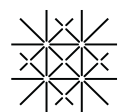


Name reactions:

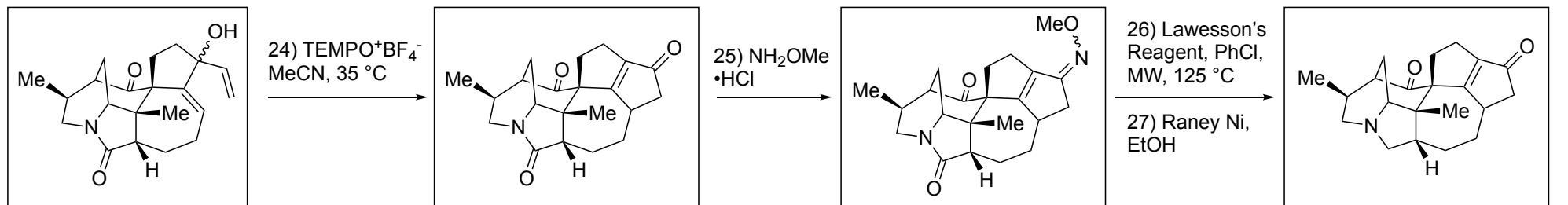
- 5) Van-Leusen
- 7) Saegusa-Ito Oxidation
- 9) Hutchins-Kabalka-rear.
- 16) Tsuji-Trost Allylation
- 17) Claisen rear.

[1] Y. Chen, J. Hu, L. Guo, W. Zhong, C. Ning, J. Xu, *Angew. Chem. Int. Ed.* **2019**, *58*, 7390–7394

[2] Y. Zhang, Y. Chen, M. Song, B. Tan, Y. Jiang, C. Yan, Y. Jiang, X. Hu, C. Zhang, W. Chen, J. Xu, *JACS*, **2022**, *144*, 16042–16051

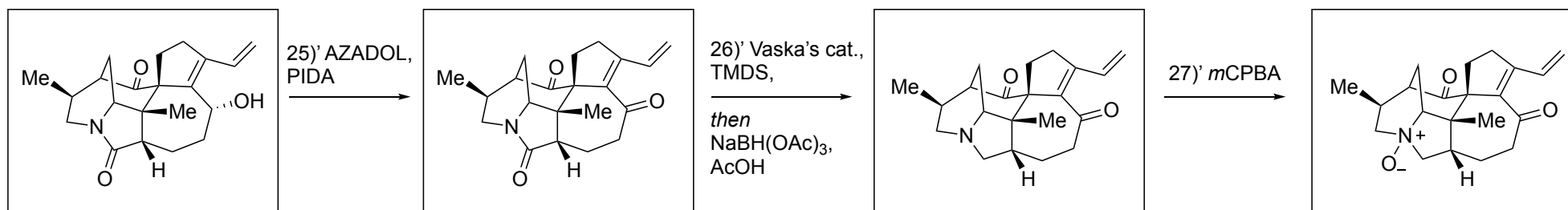


E196: Total Syntheses of Calyciphylline A-Type Alkaloids^[2]



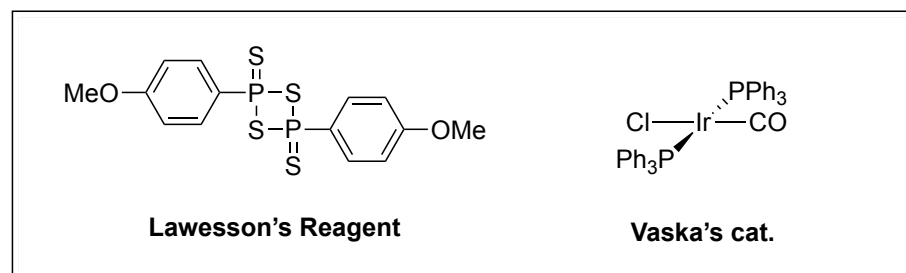
(-)-10-Deoxydaphnipaxianine A

↓ 24)' TEMPO⁺BF₄⁻
 dioxane, r.t.



(+)-Daphlongamine R

(+)-Calyciphylline R



[1] Y. Chen, J. Hu, L. Guo, W. Zhong, C. Ning, J. Xu, *Angew. Chem. Int. Ed.* **2019**, *58*, 7390–7394

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