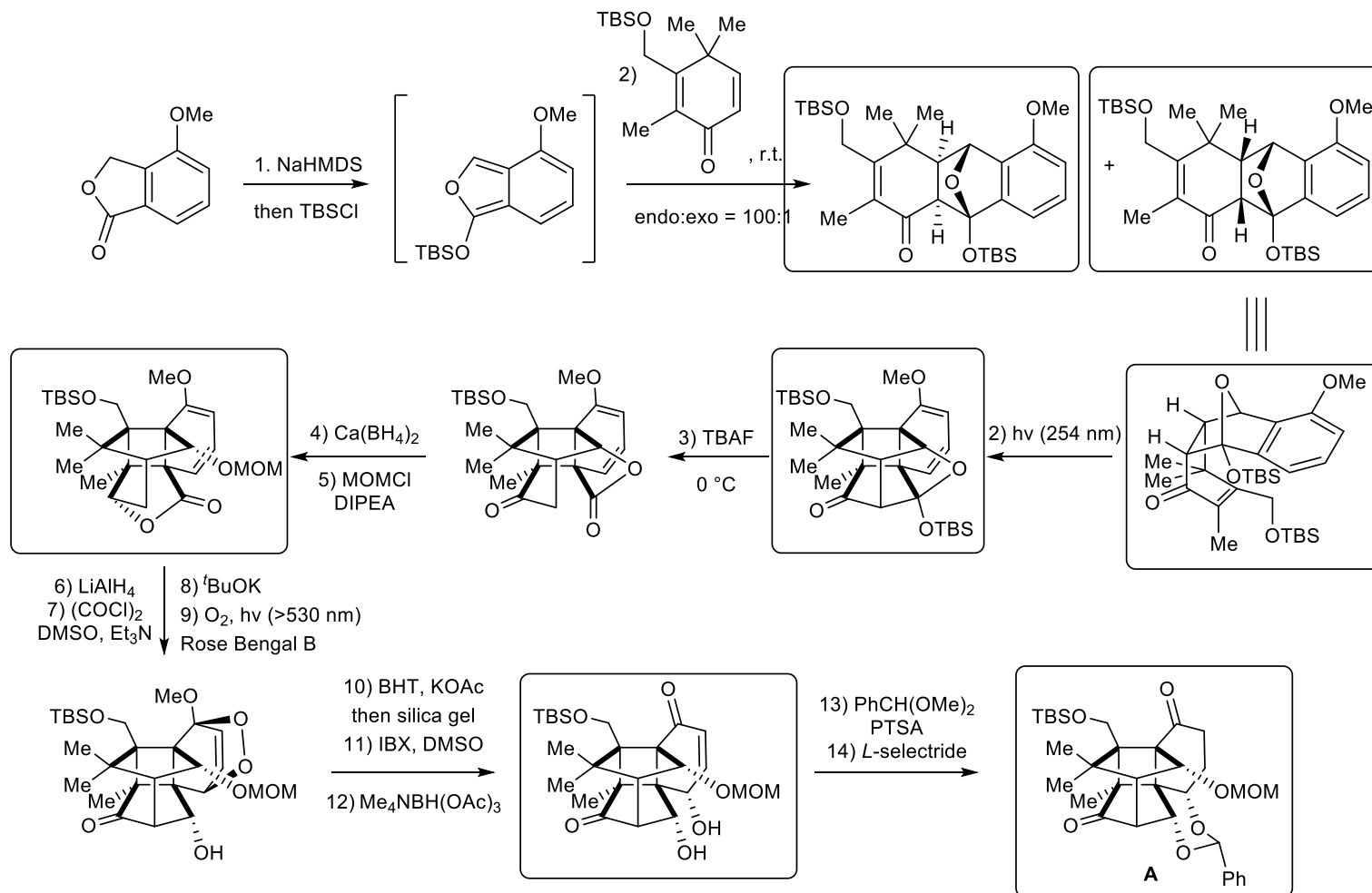
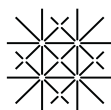


E205: Total synthesis of Canataxpropellane

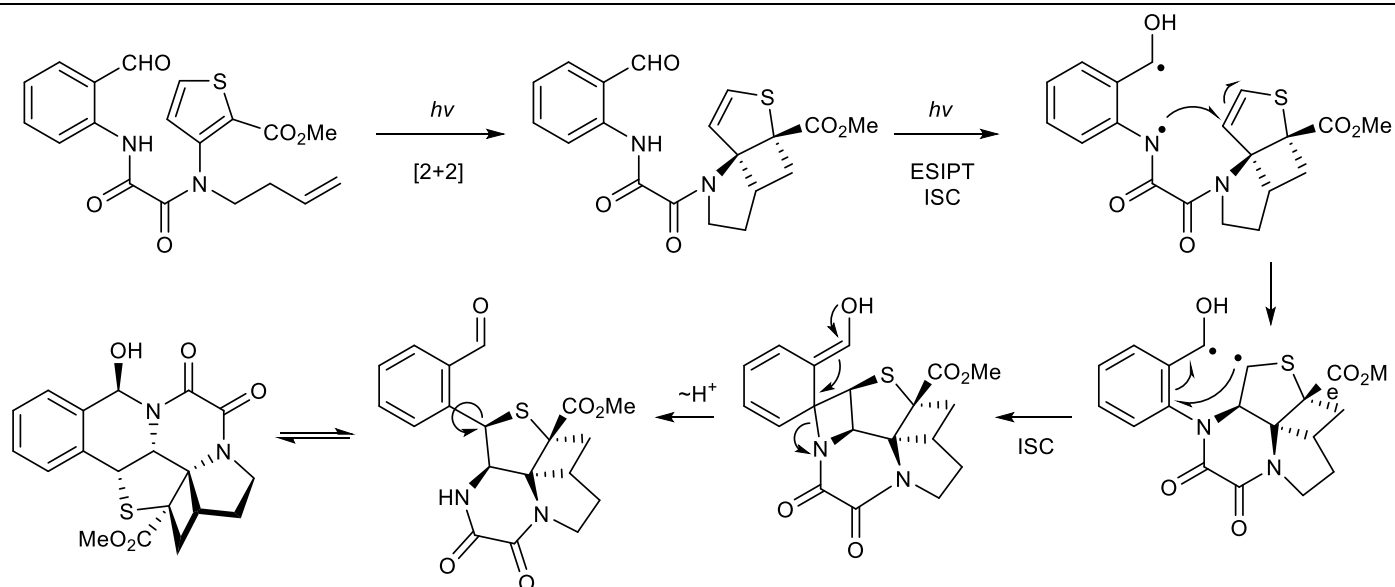
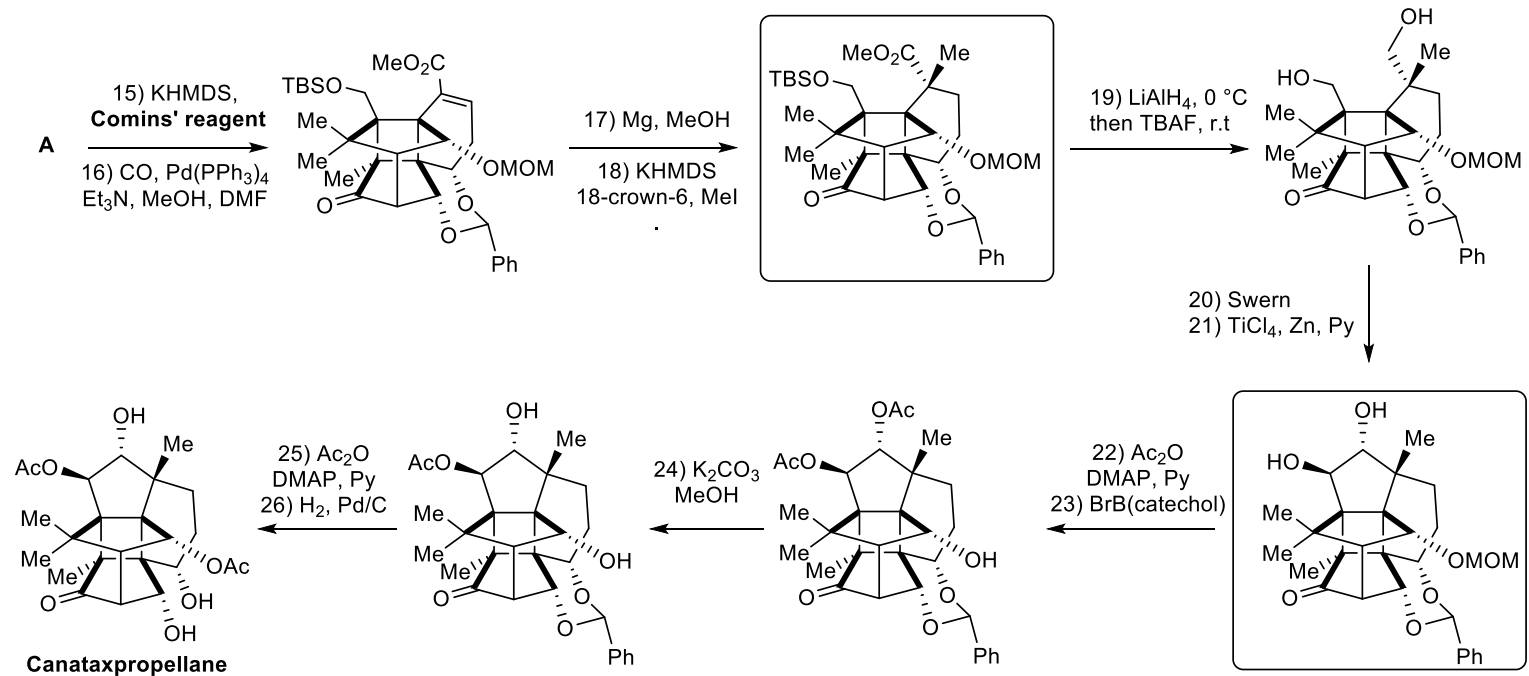


[1] F. Schneider, K. Samarin, S. Zanella, T. Gaich, *Science* **2020**, *367*, 676-681; [2] D. S. Reddy, I. M. Novitskiy, A. G. Kutateladze, *Org. Lett.* **2023**, *25*, 1131-1135.

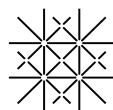


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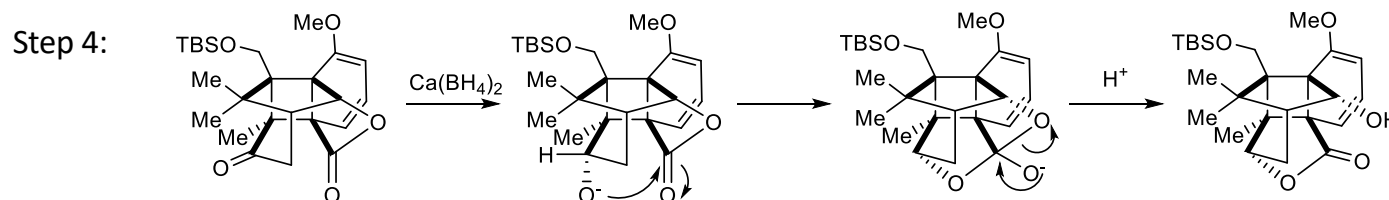
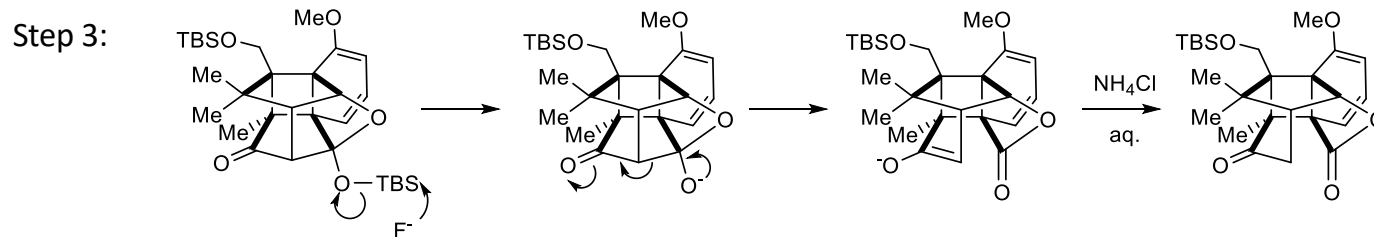


[1] F. Schneider, K. Samarin, S. Zanella, T. Gaich, *Science* **2020**, *367*, 676-681; [2] D. S. Reddy, I. M. Novitskiy, A. G. Kutateladze, *Org. Lett.* **2023**, *25*, 1131-1135.

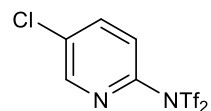
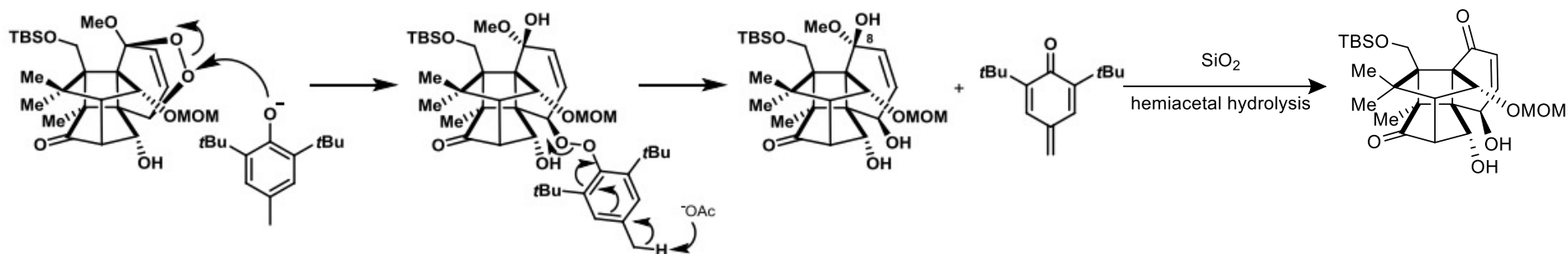


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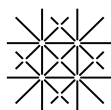


Step 10:



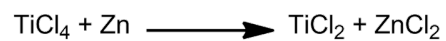
Comins' reagent

[1] F. Schneider, K. Samarin, S. Zanella, T. Gaich, *Science* **2020**, *367*, 676-681; [2] D. S. Reddy, I. M. Novitskiy, A. G. Kutateladze, *Org. Lett.* **2023**, *25*, 1131-1135.



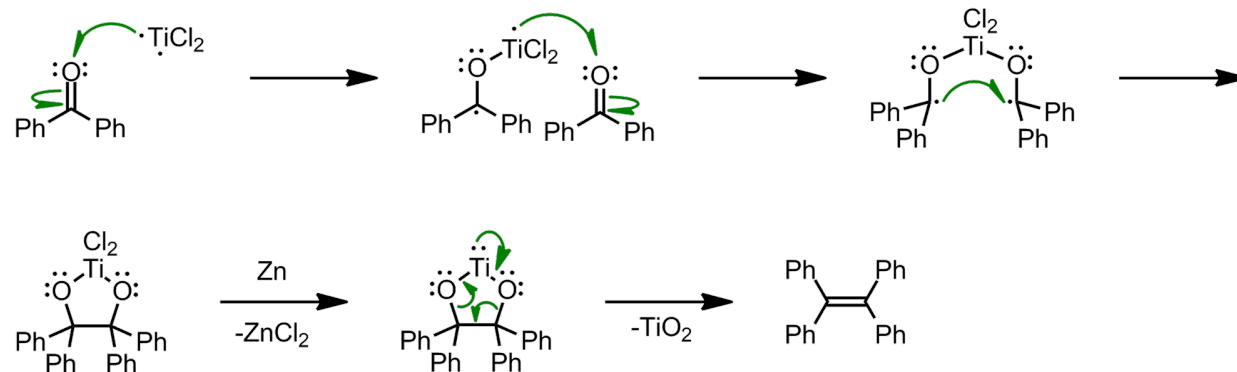
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Step 21:

Mechanism relevant for step 21:



Prevailing general mechanism:

