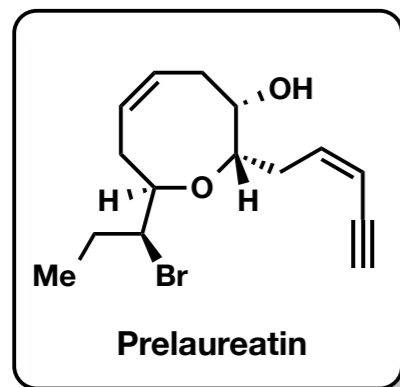




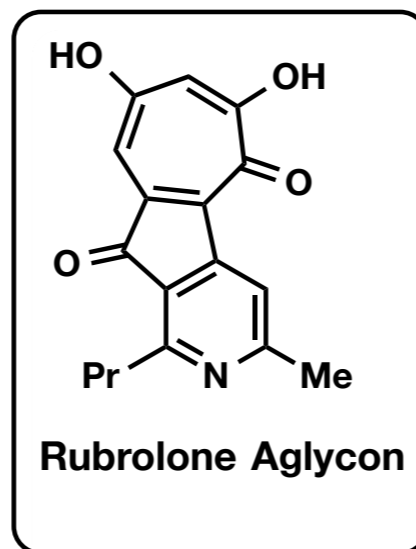
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# Review JACS 2000

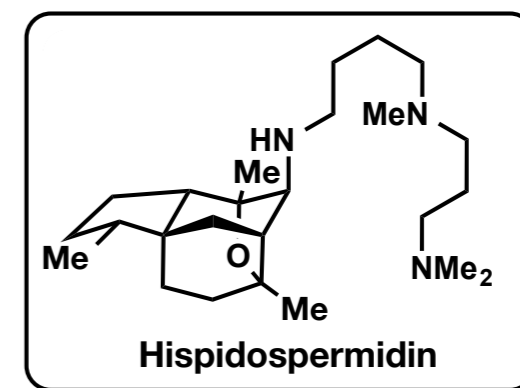
Darius Schwarzer  
Gaich-Group Seminar  
19.02.2015



M. T. Crimmins

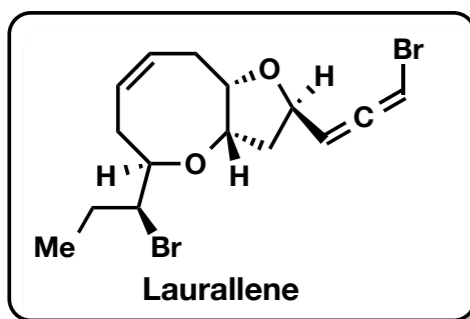


D. L. Boger

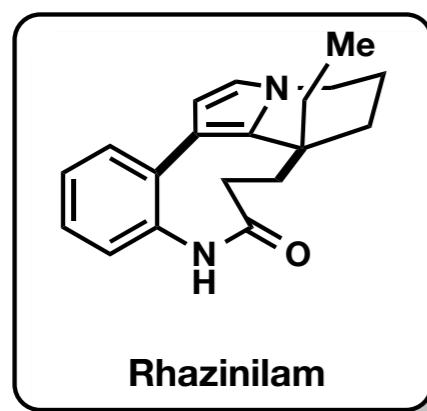


S. Danishefsky  
&  
E. J. Sorensen

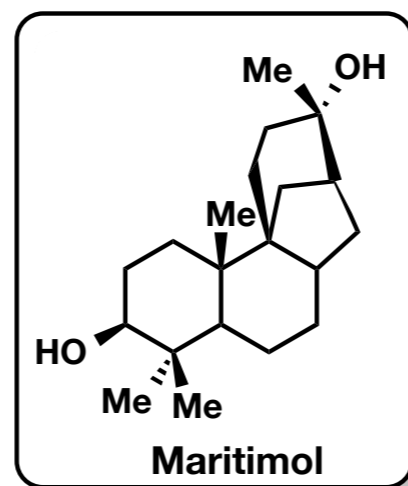
## Total Syntheses



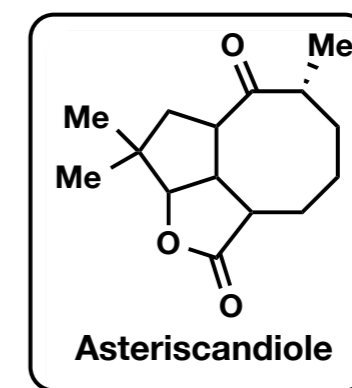
M. T. Crimmins



D. Sames

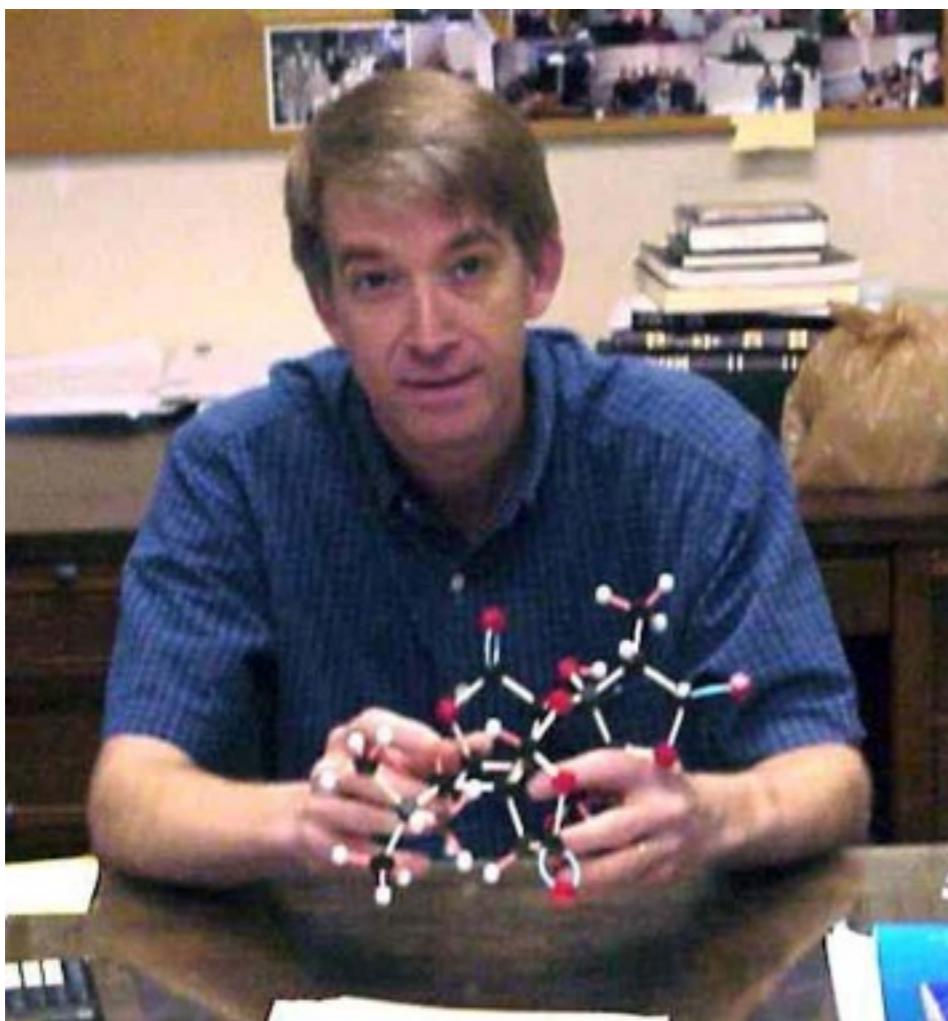


P. Deslongchamps

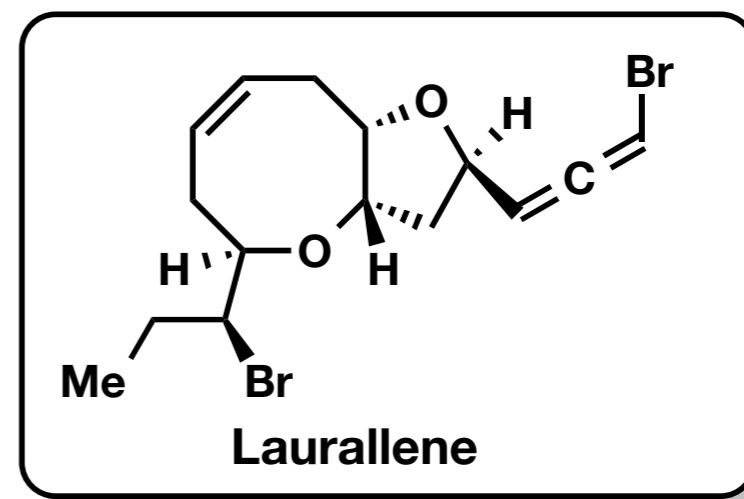
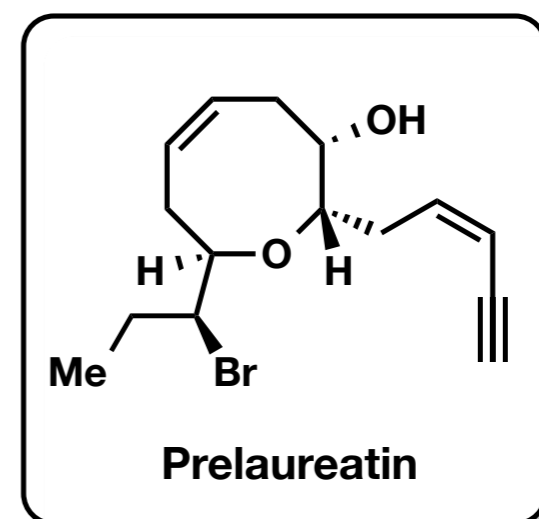


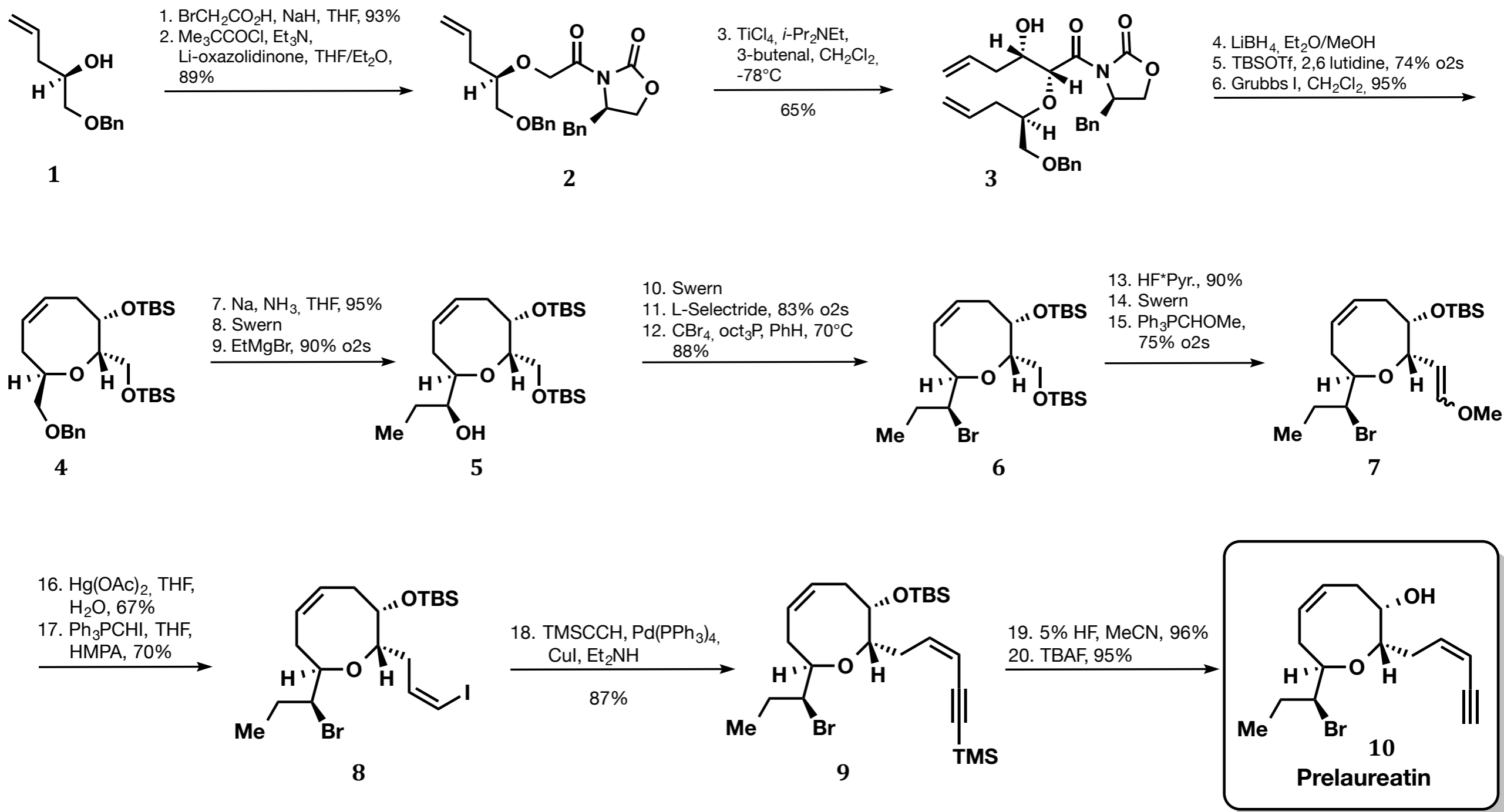
M. L. Snapper  
&  
L. A. Paquette

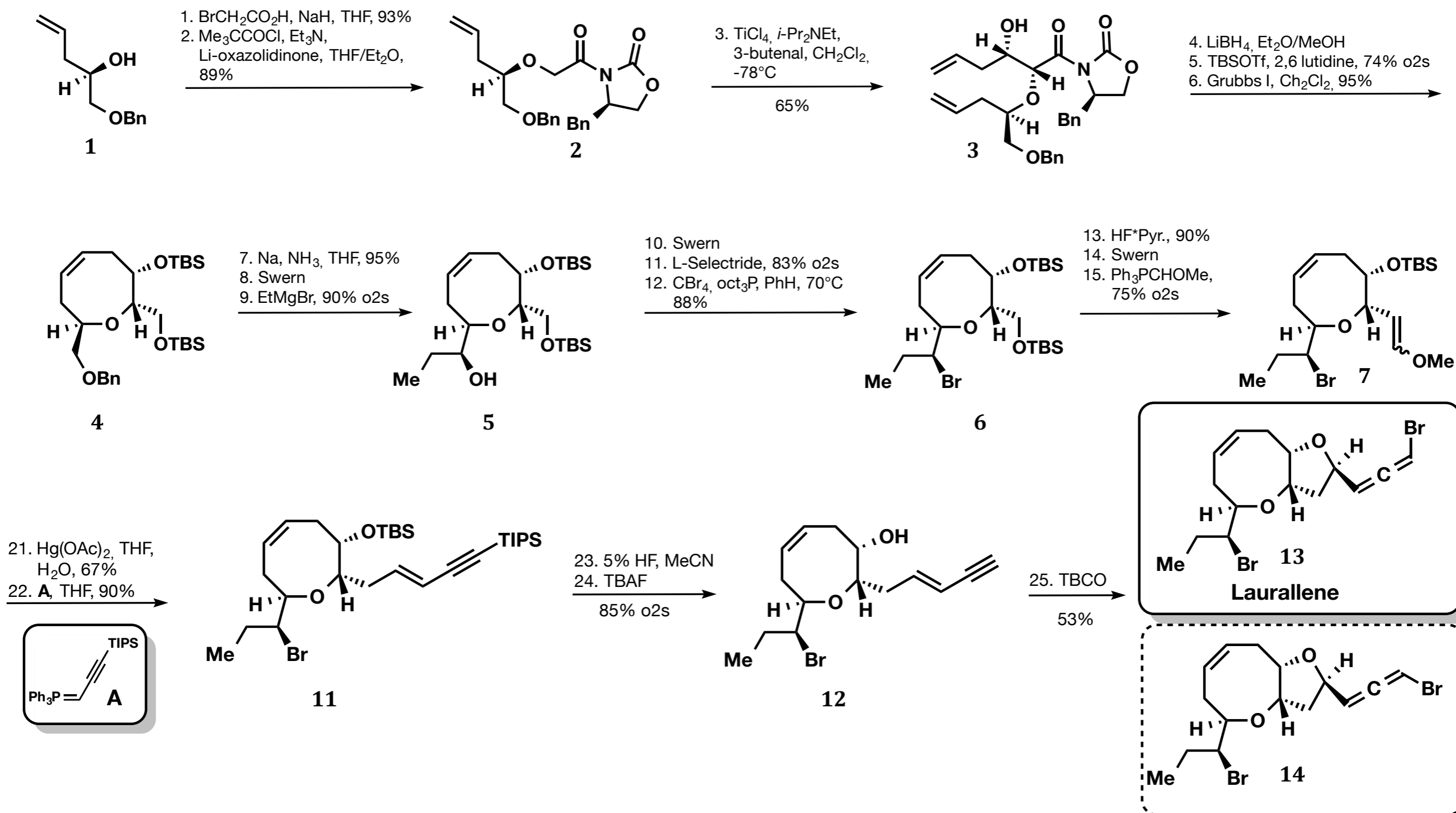
# Total Synthesis of (+)-Prelaureatin & (+)-Laurallene



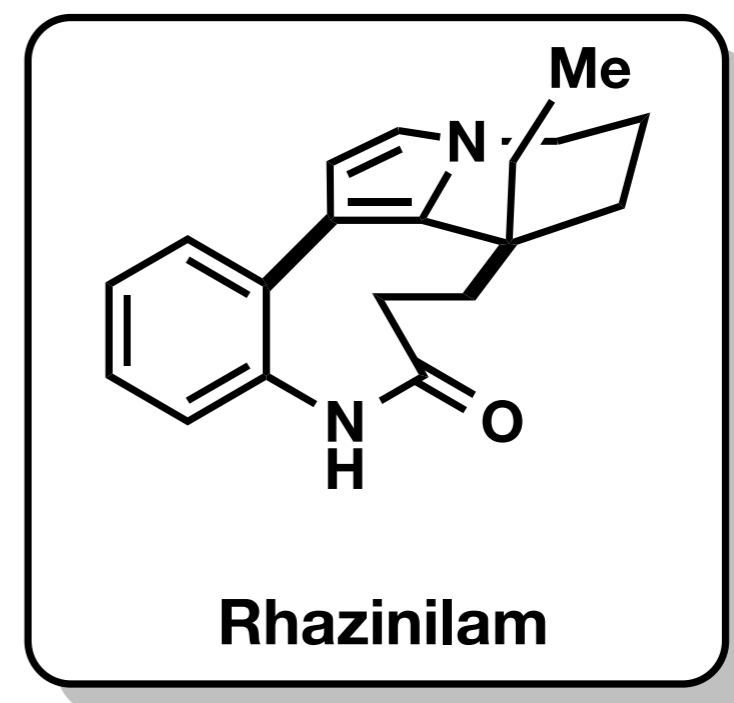
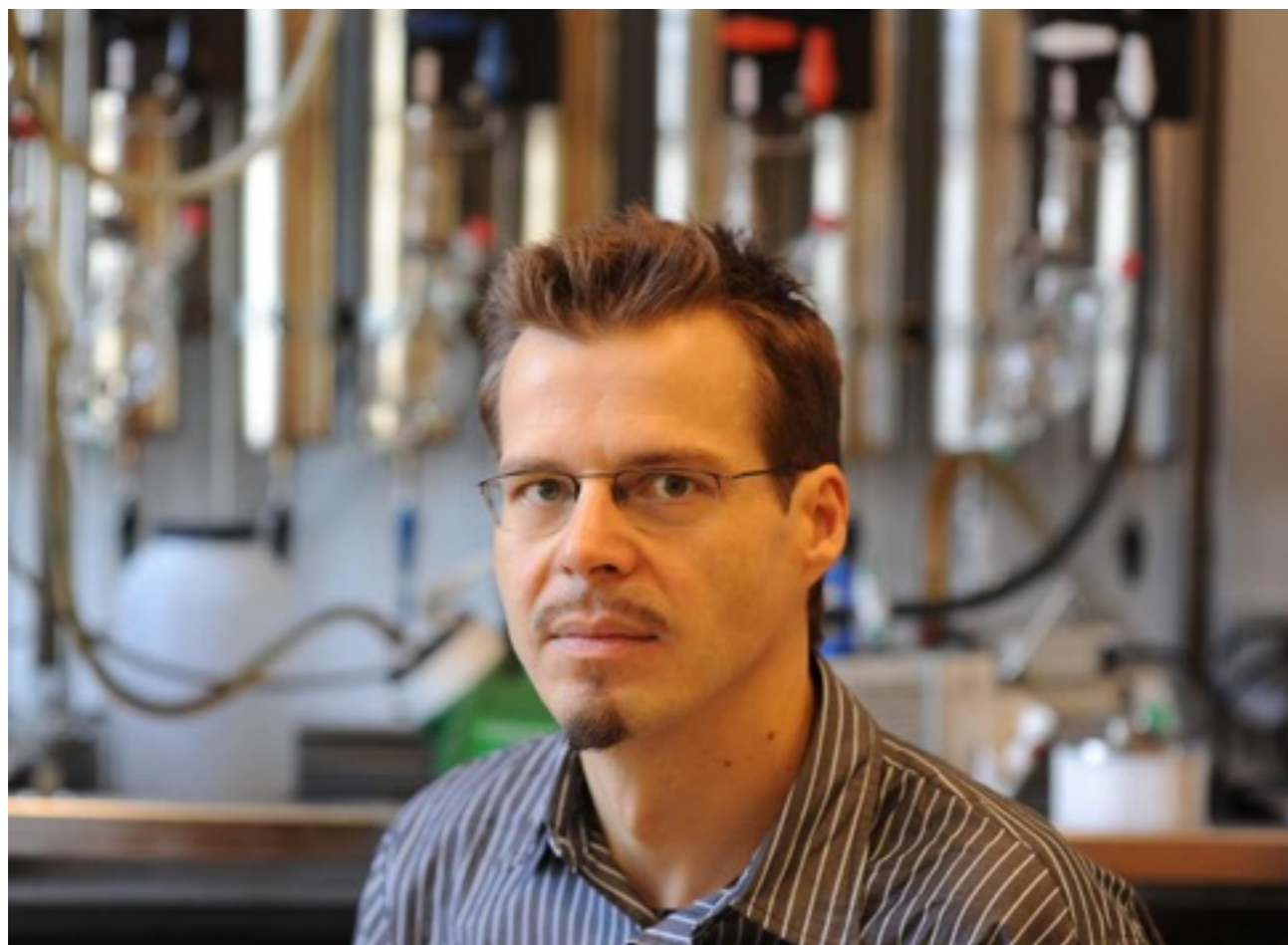
M. T. Crimmins



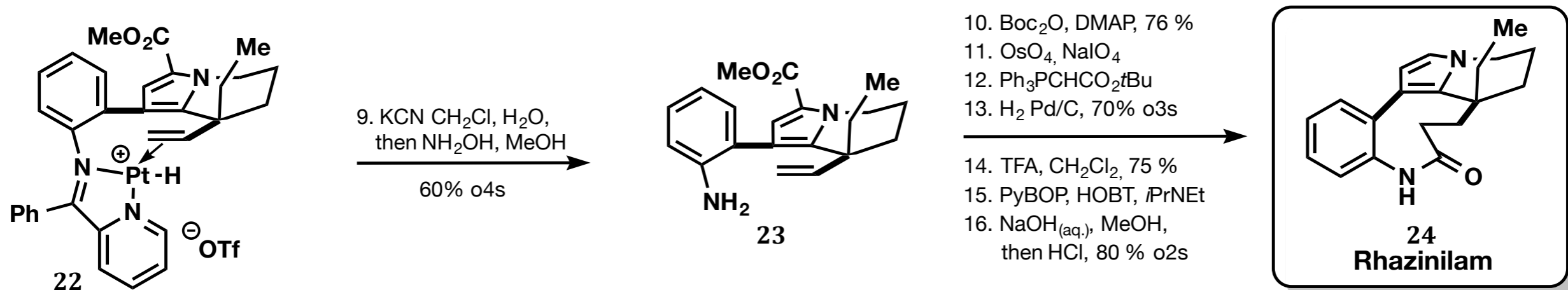
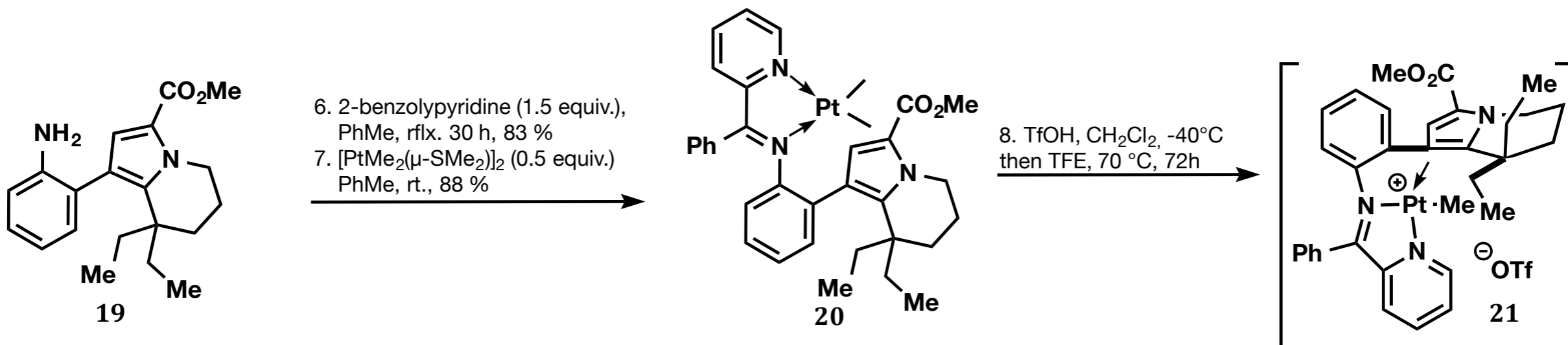
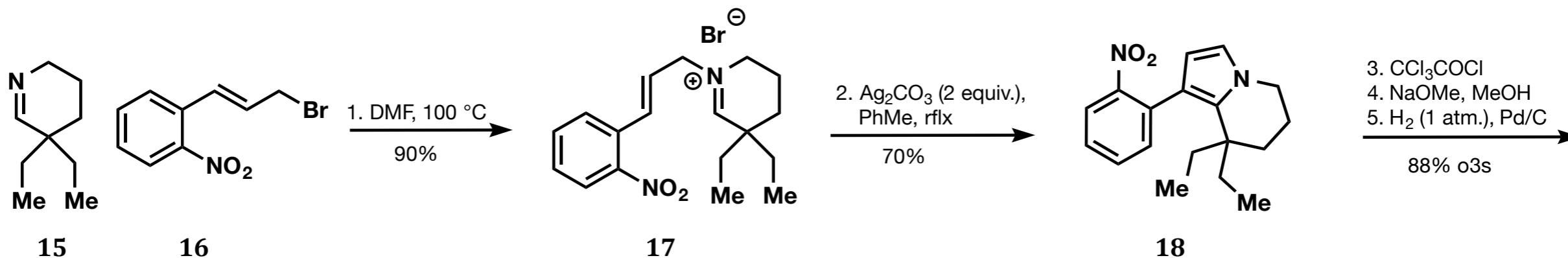




# Total Synthesis of the Antimitotic Rhazinilam



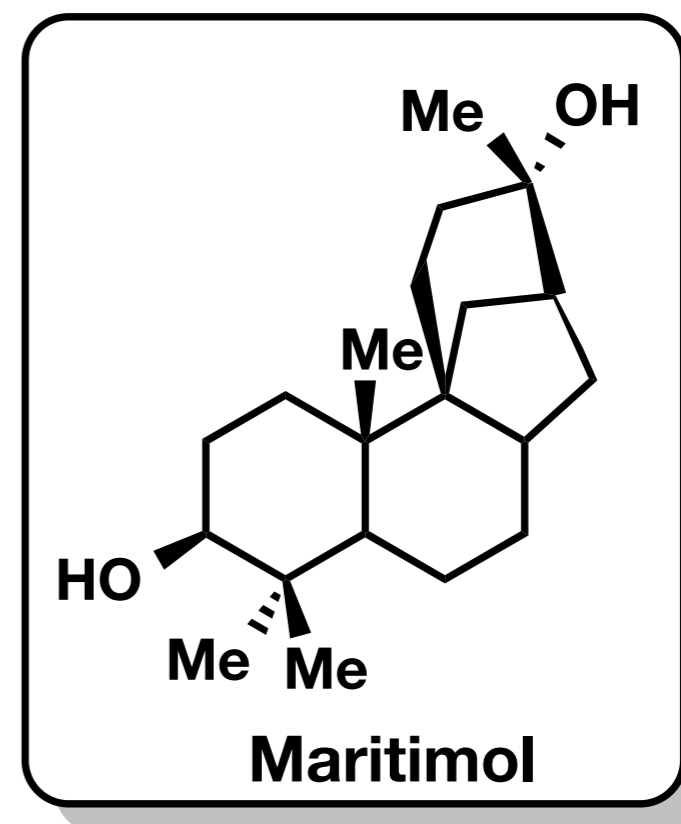
Dalibor Sames



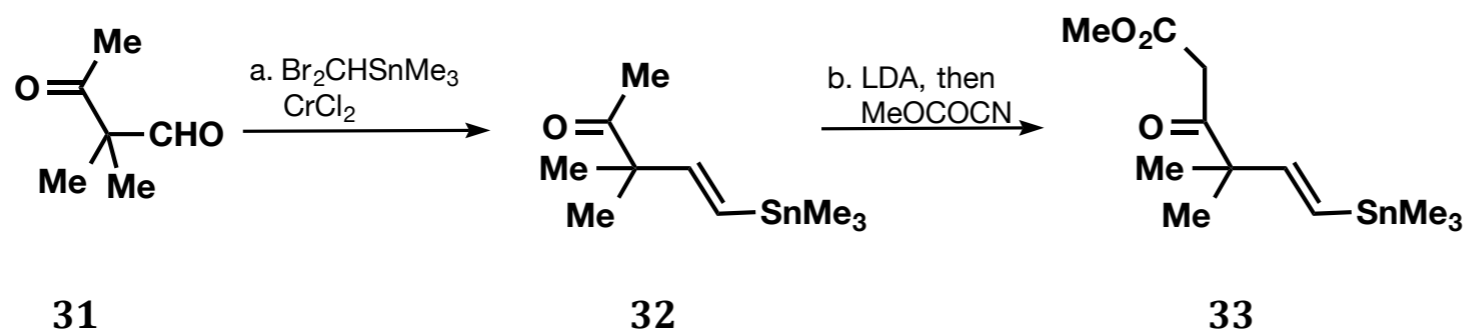
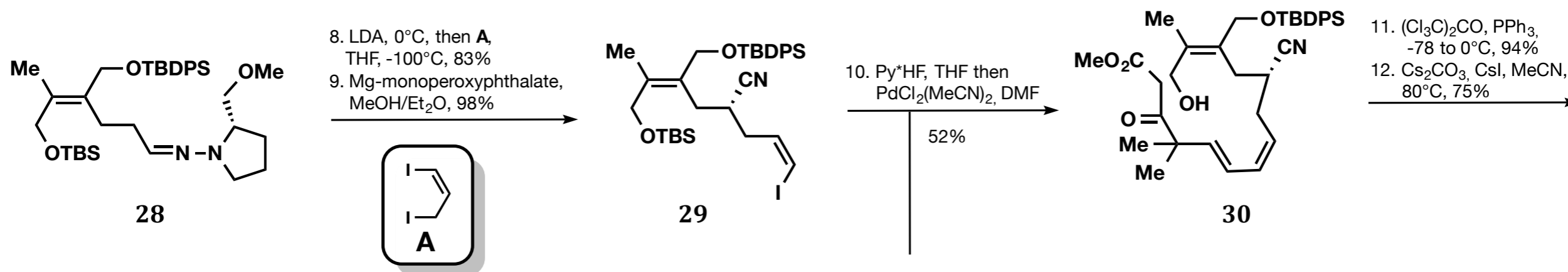
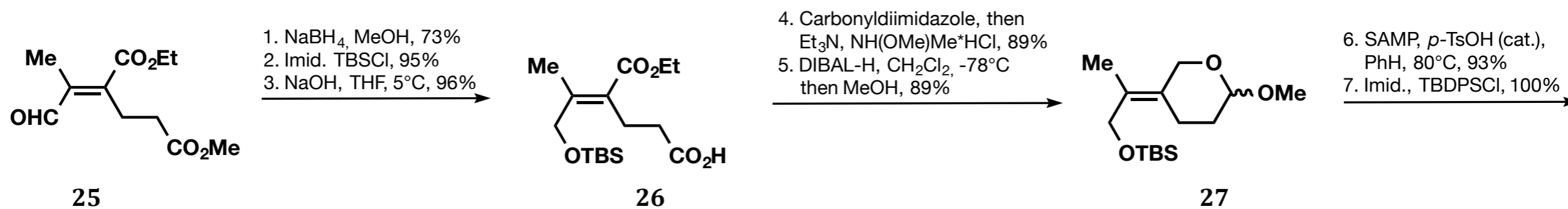
# First Asymmetric Total Synthesis of (+)-Maritimol

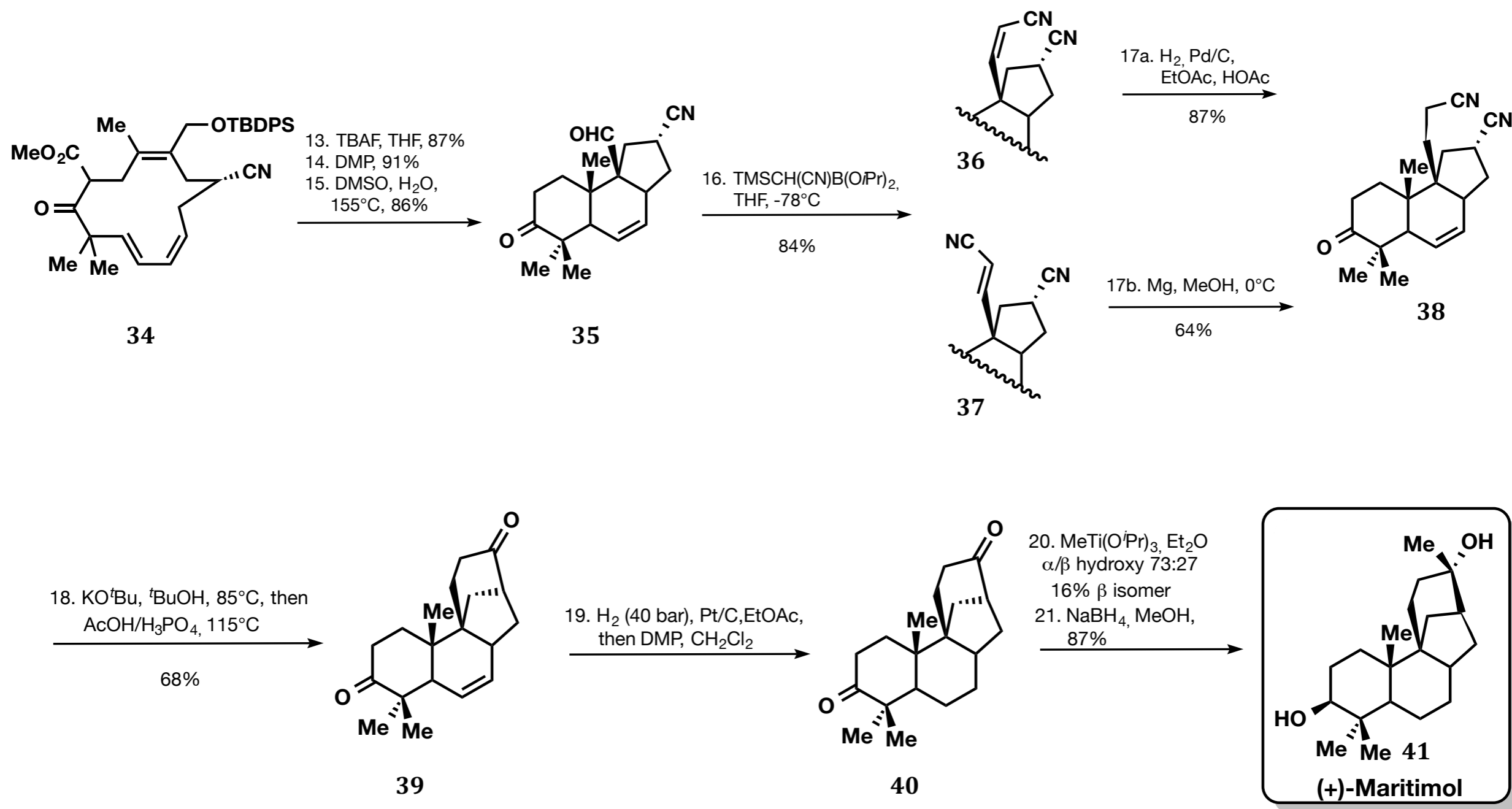


Pierre Deslongchamps

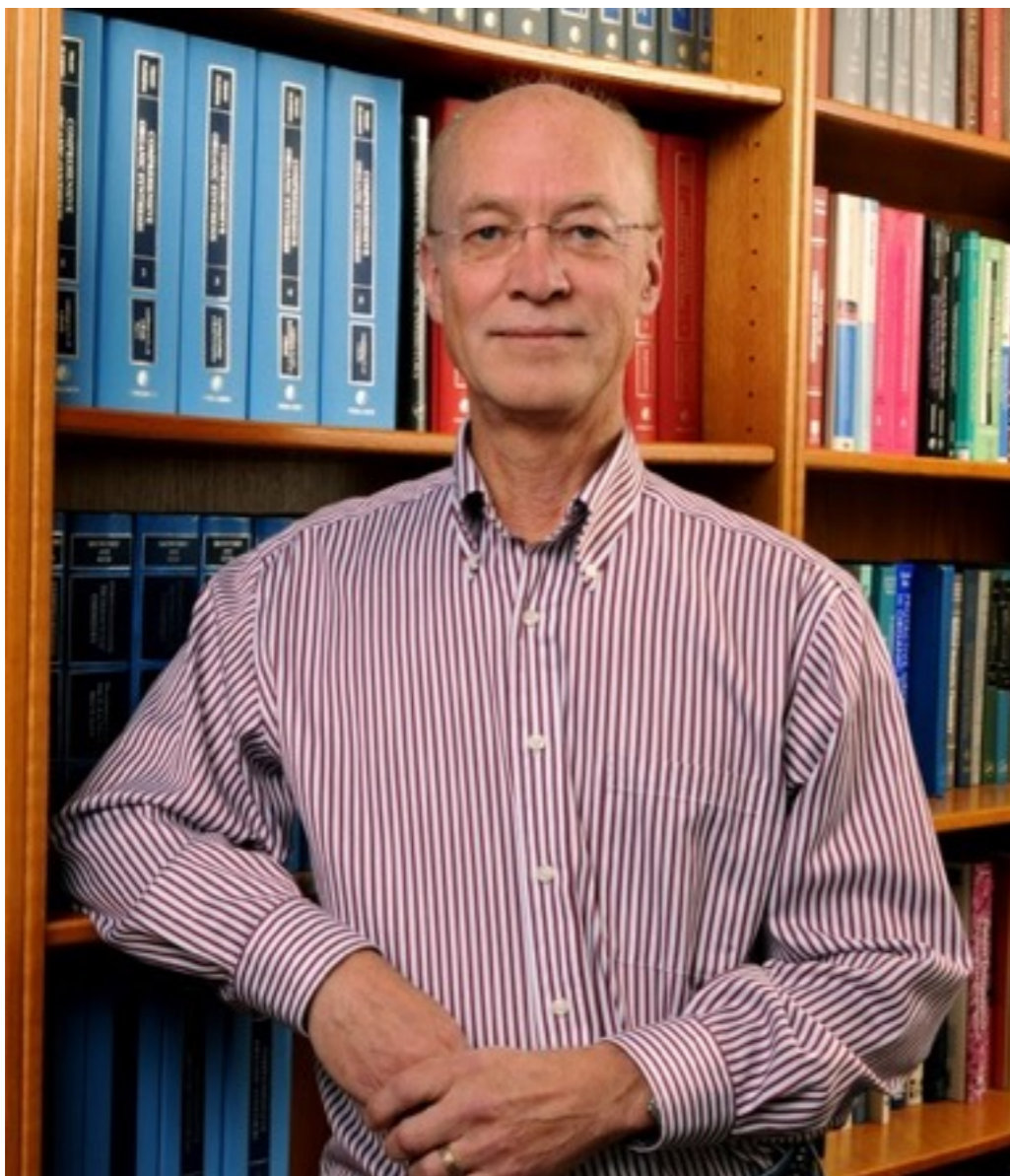




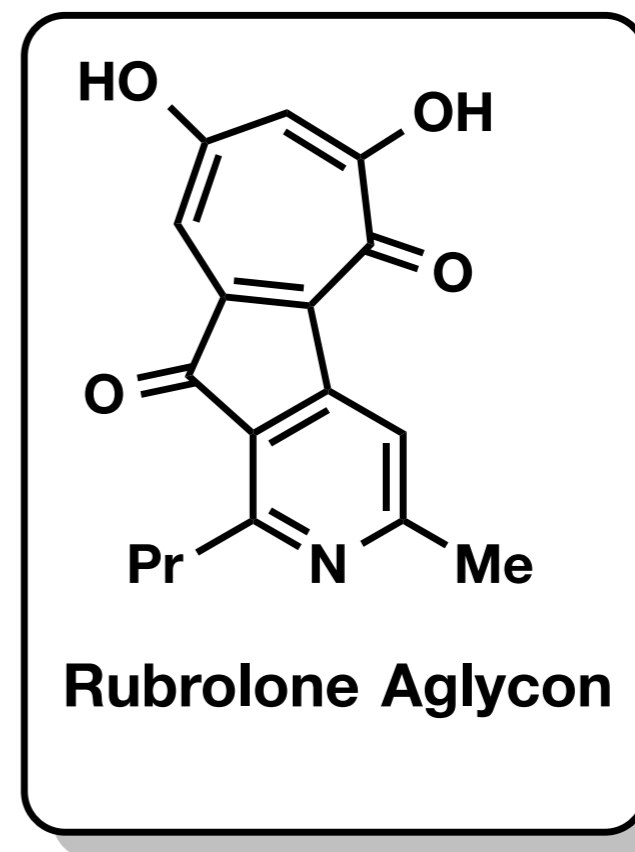


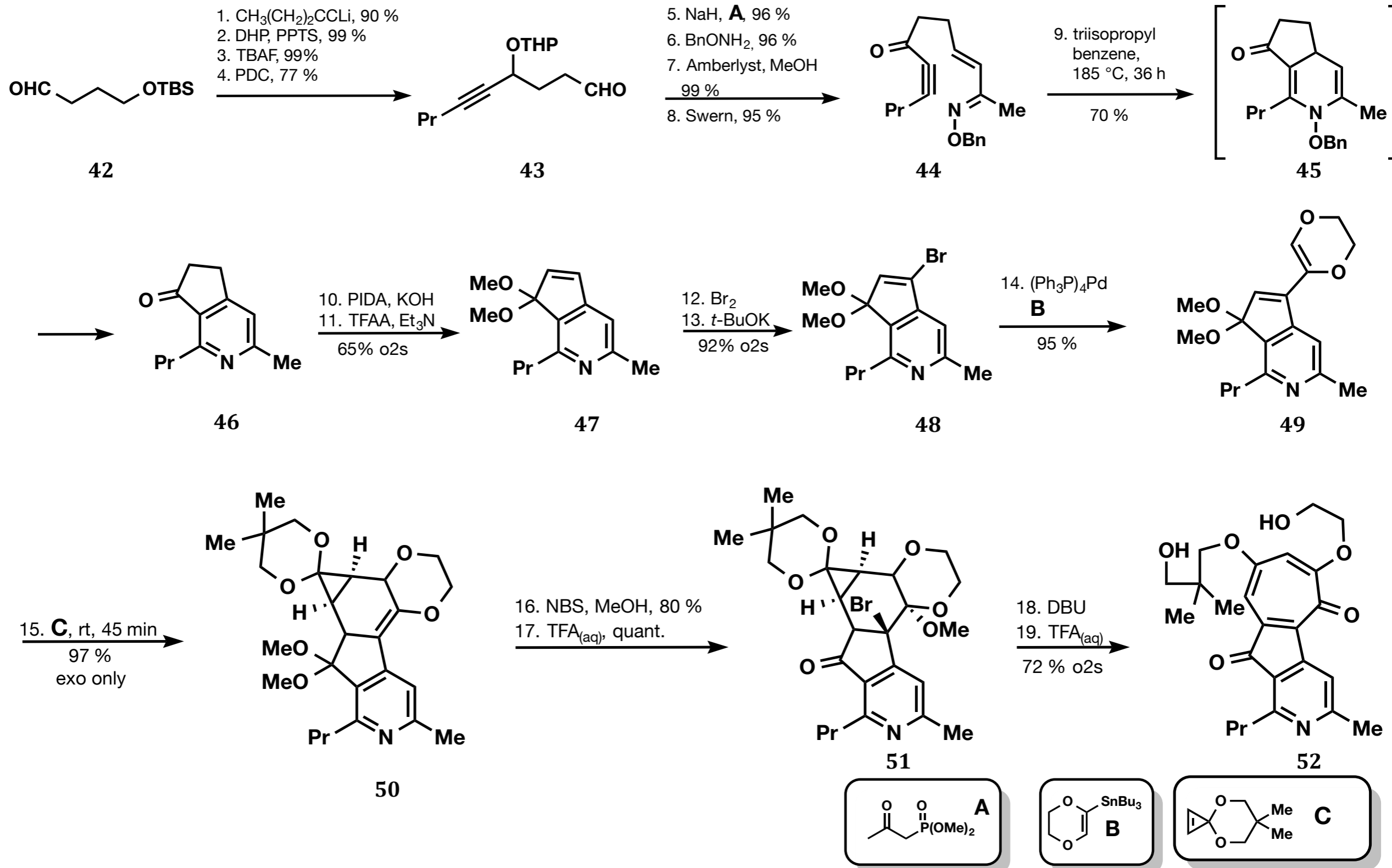


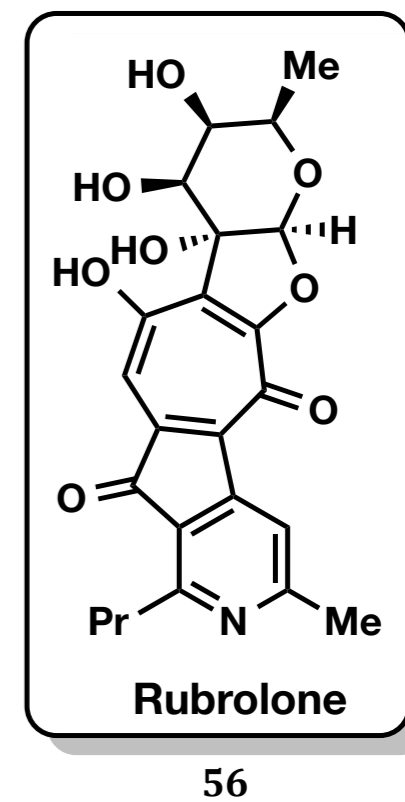
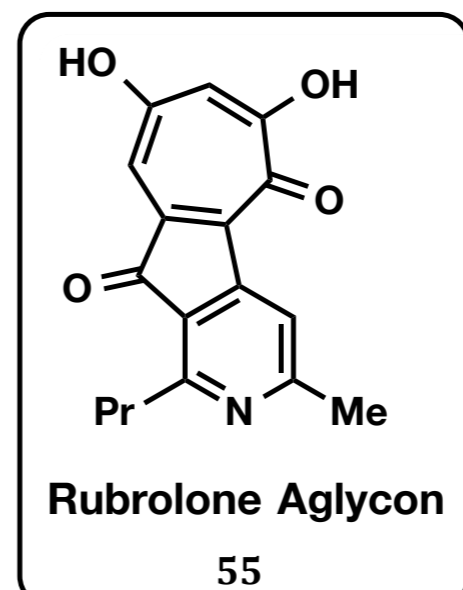
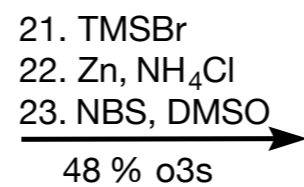
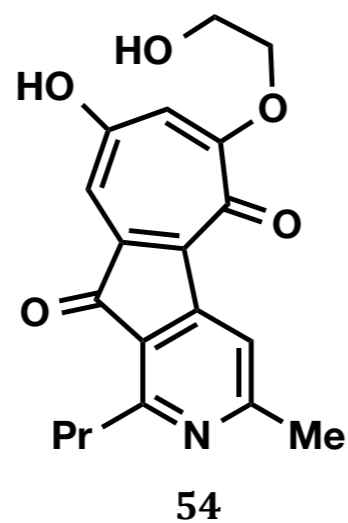
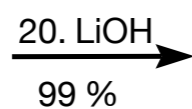
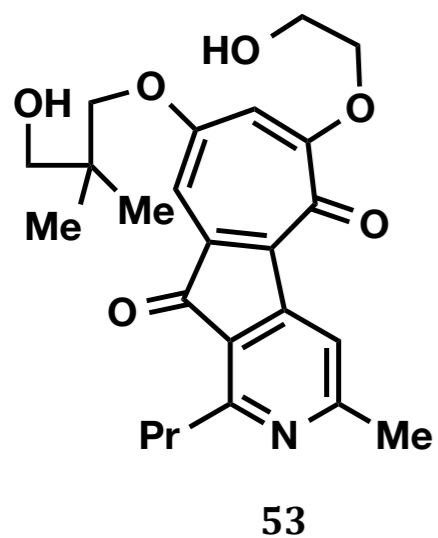
# Total Synthesis of the Rubrolone Aglycon



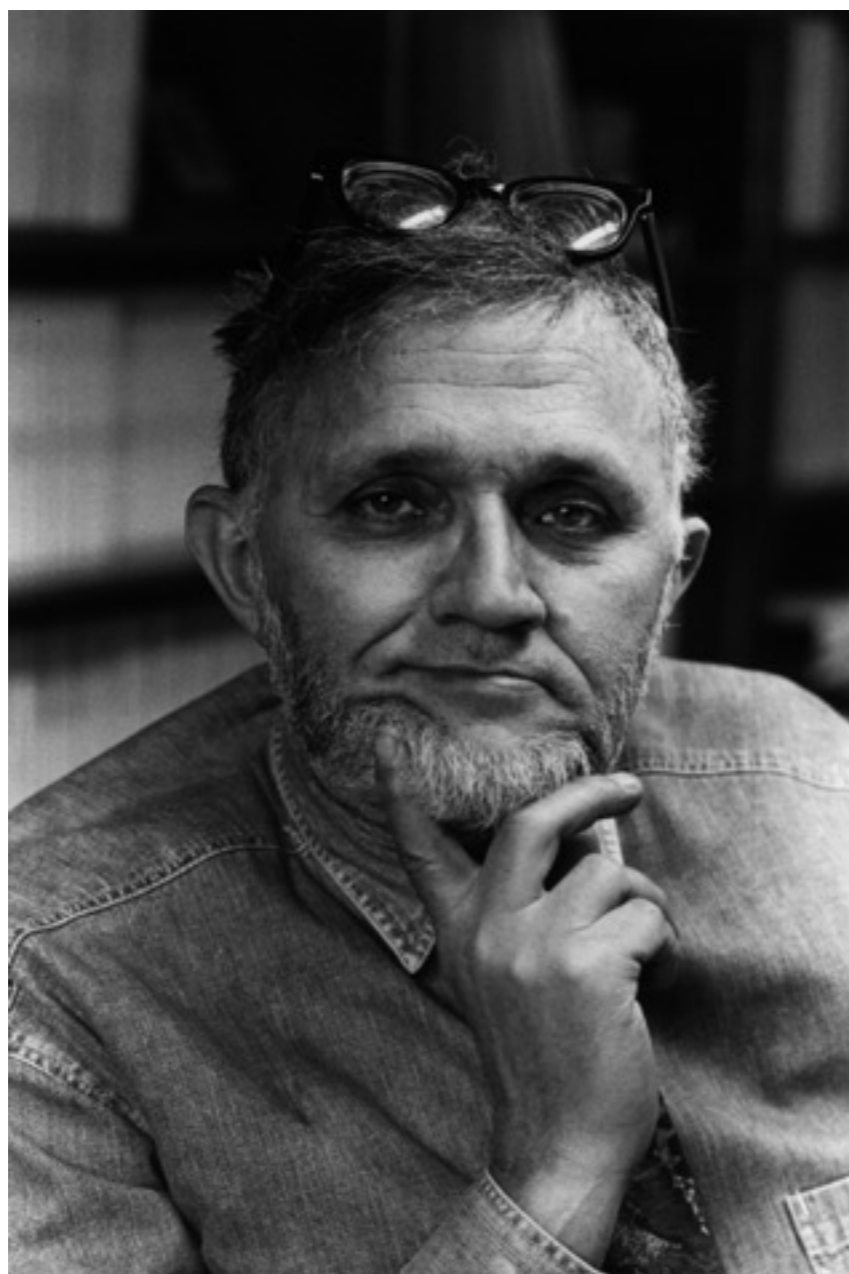
Dale Lester Boger



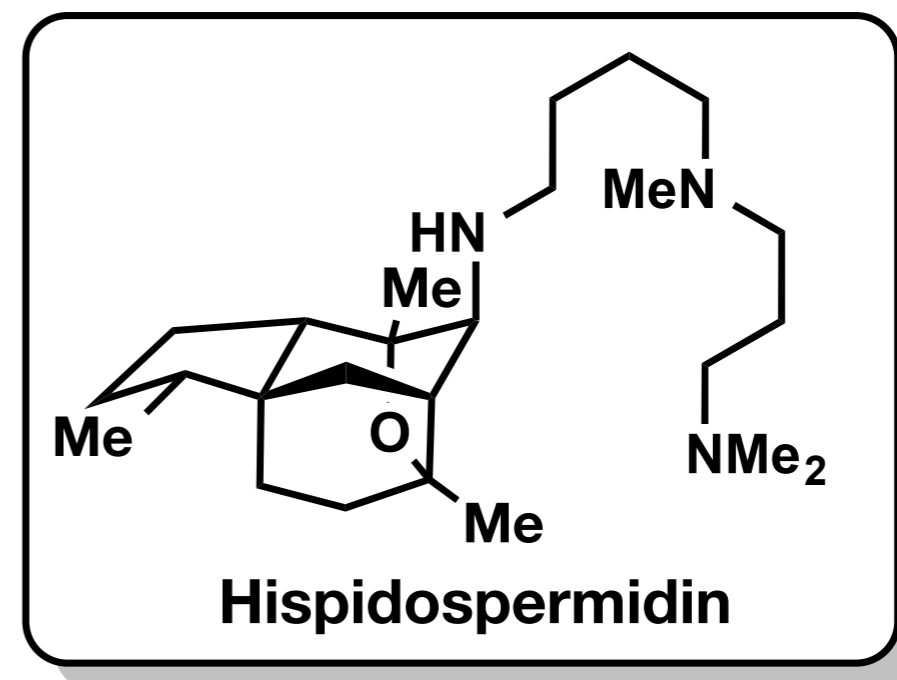


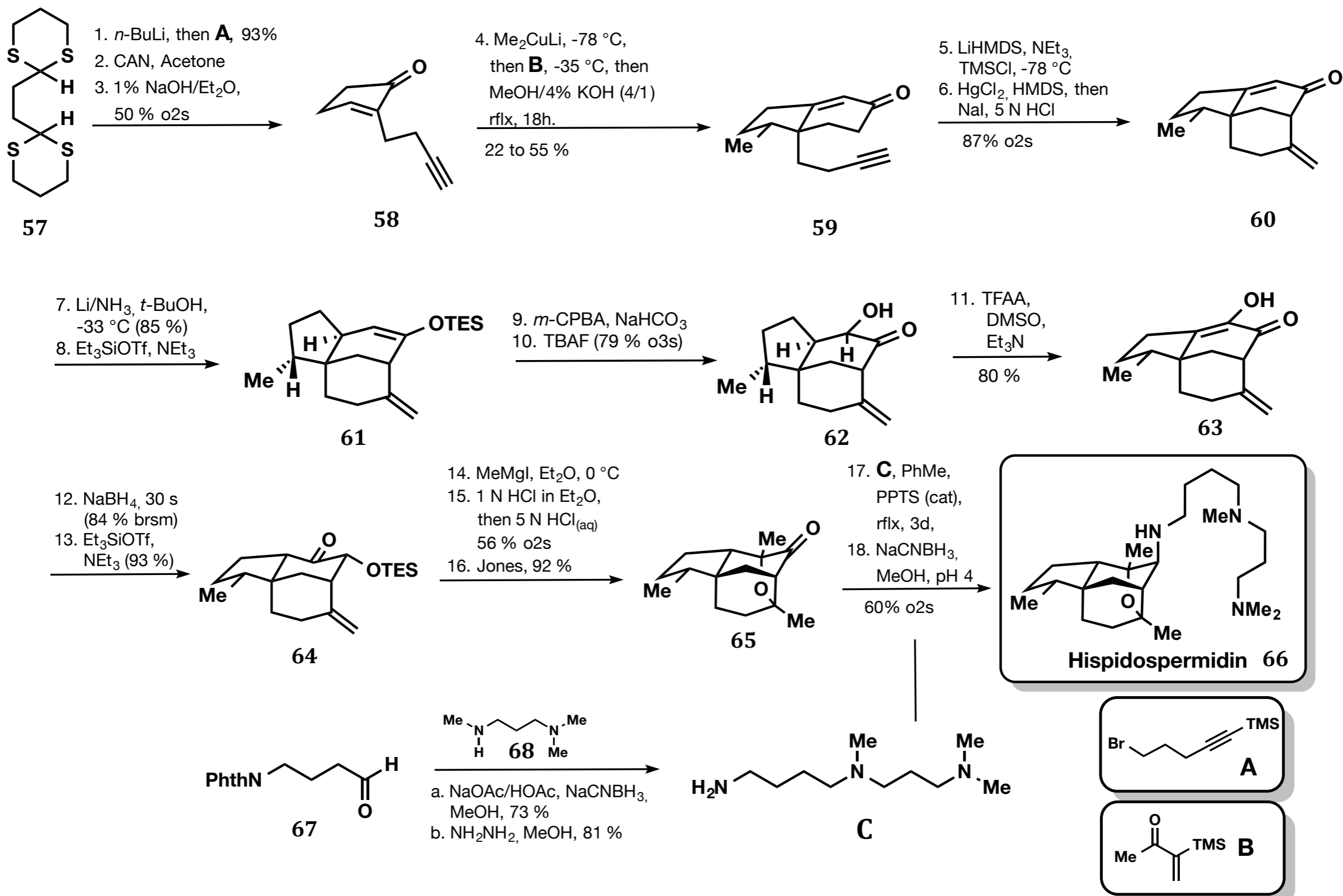


# A Highly Stereoselective Total Synthesis of Hispidospermidin

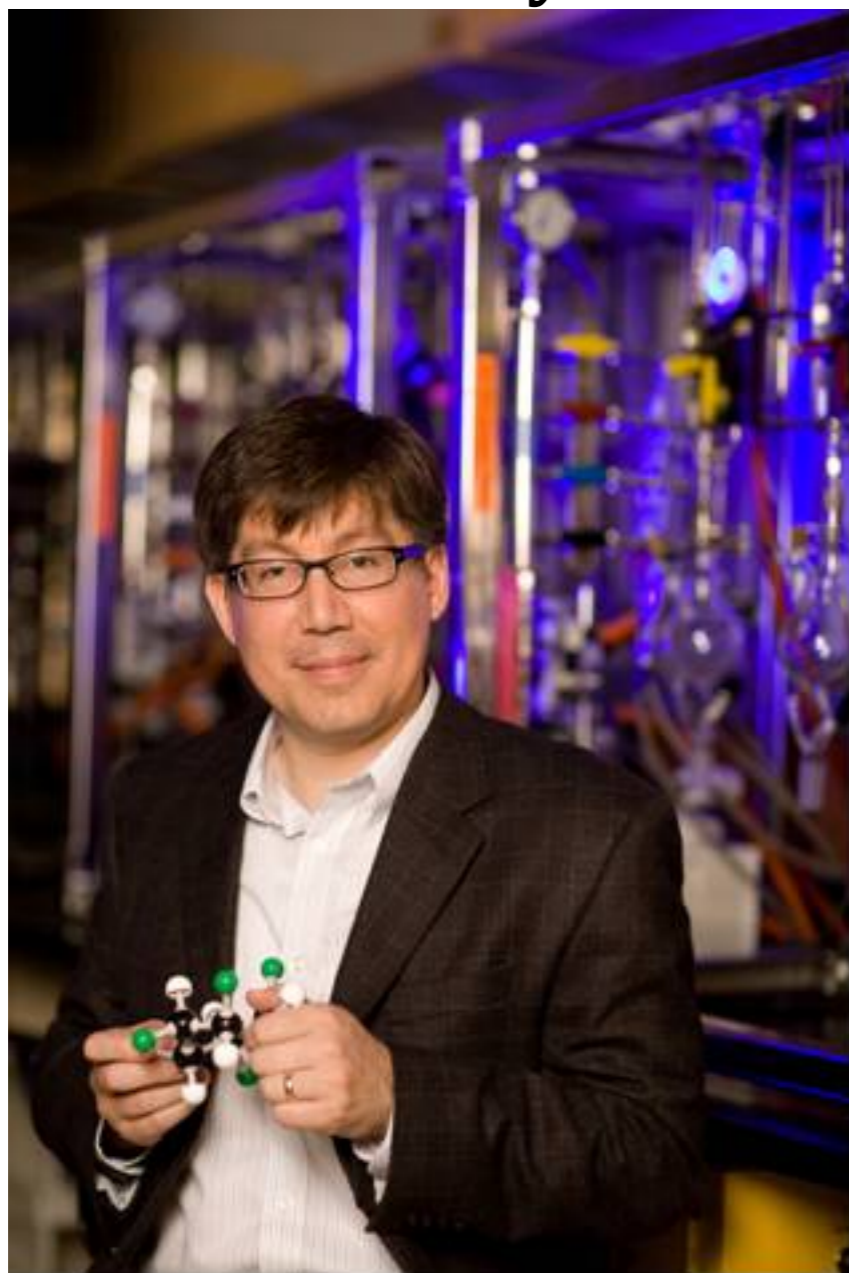


Samuel Danishefsky

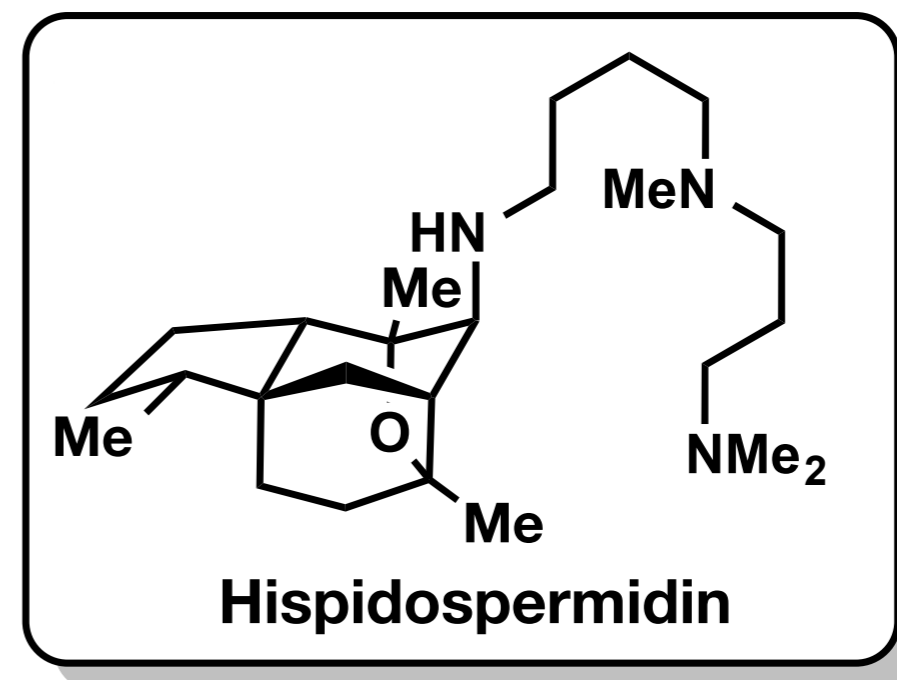




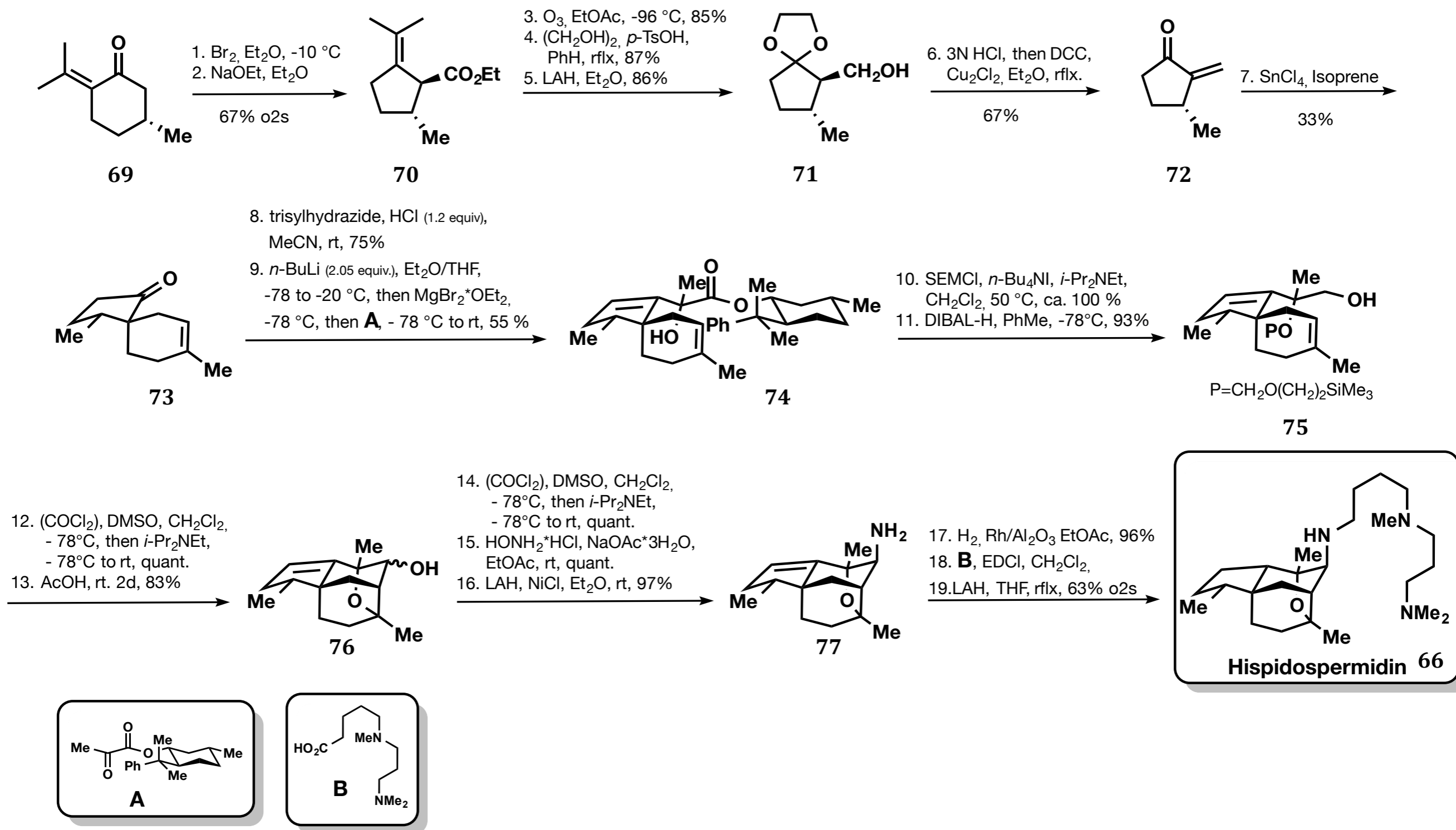
# A Concise Synthesis of (-)-Hispidospermidin Guided



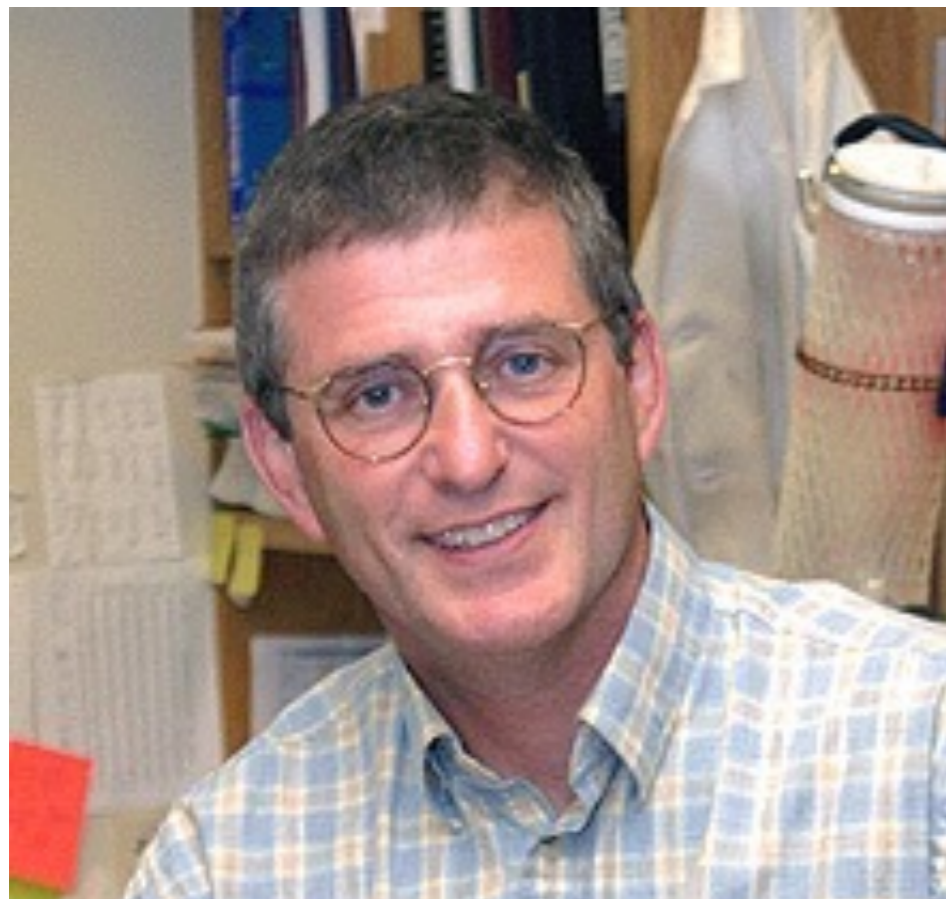
Erik J. Sorensen



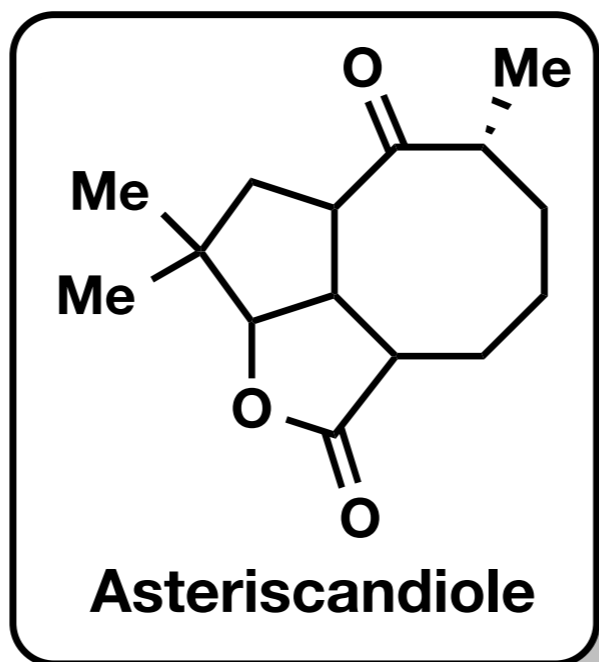




## Total Syntheses of (+)- and (-)-Asteriscanolide



Marc L. Snapper

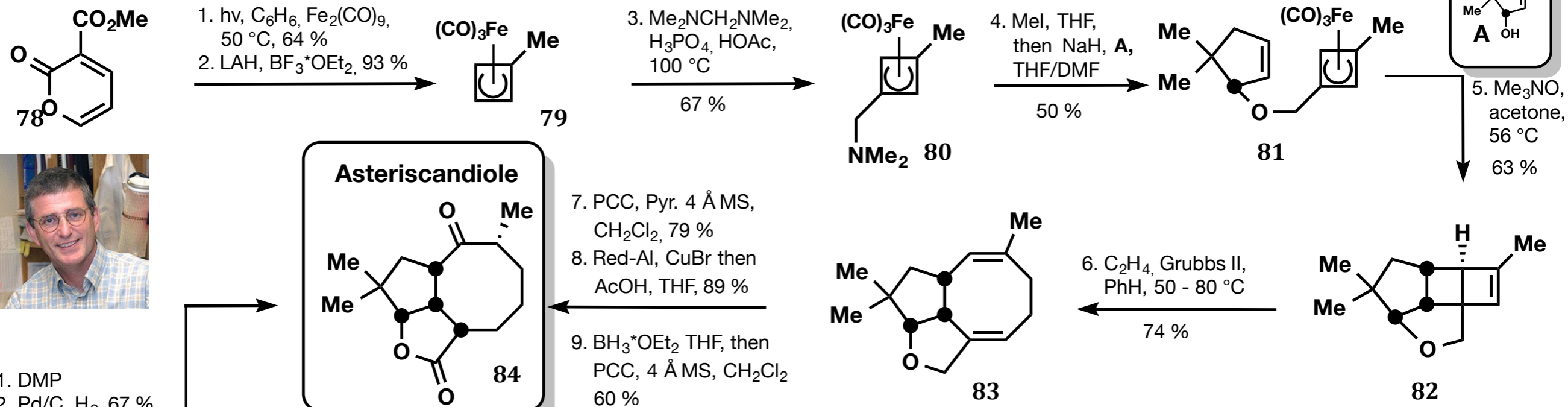


## Concise Synthesis of Natural (+)-Asteriscanolide

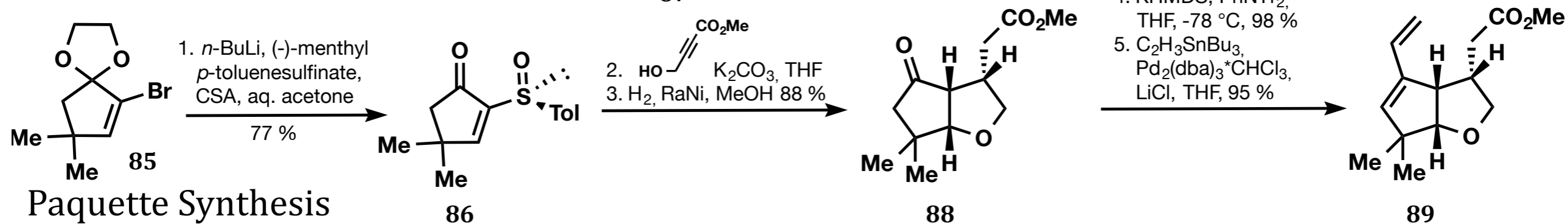


Leo A. Paquette

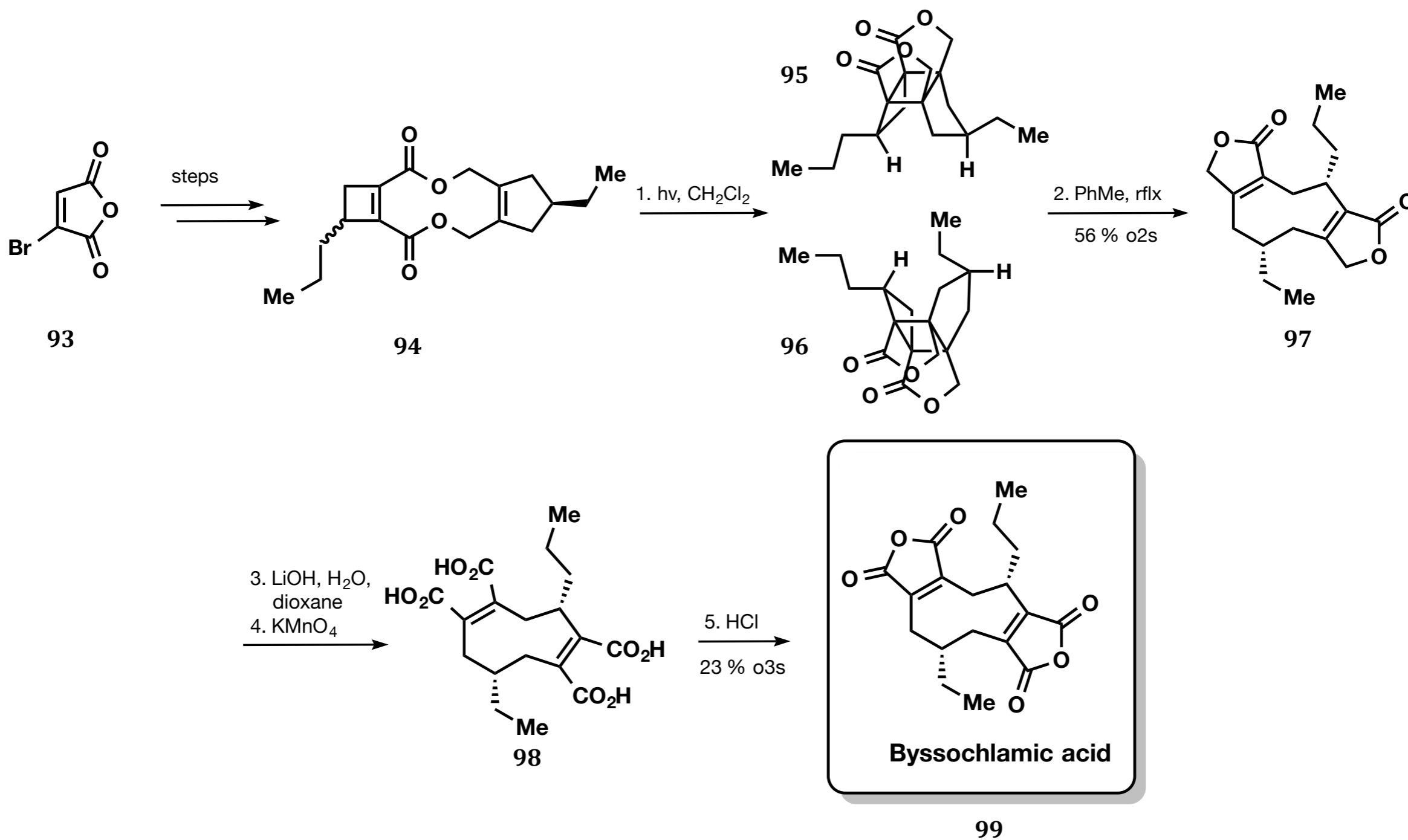
## Snapper Synthesis



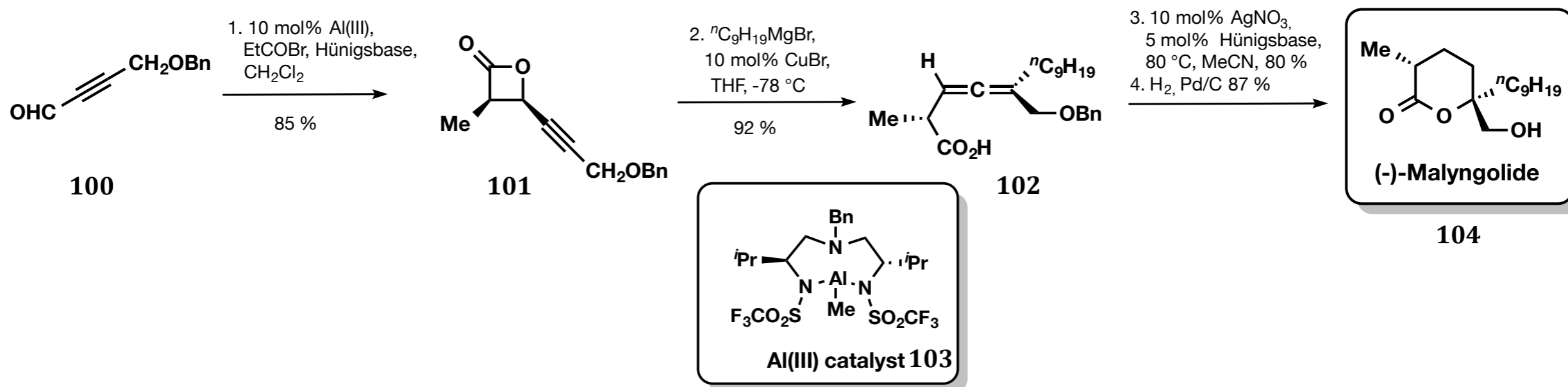
## Paquette Synthesis



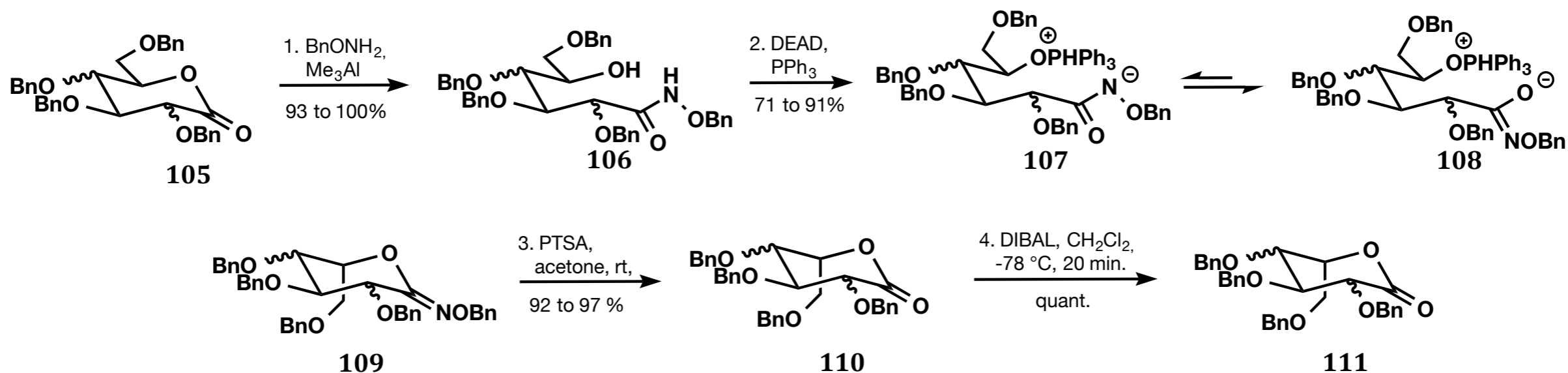
# Key-Steps & Methodology



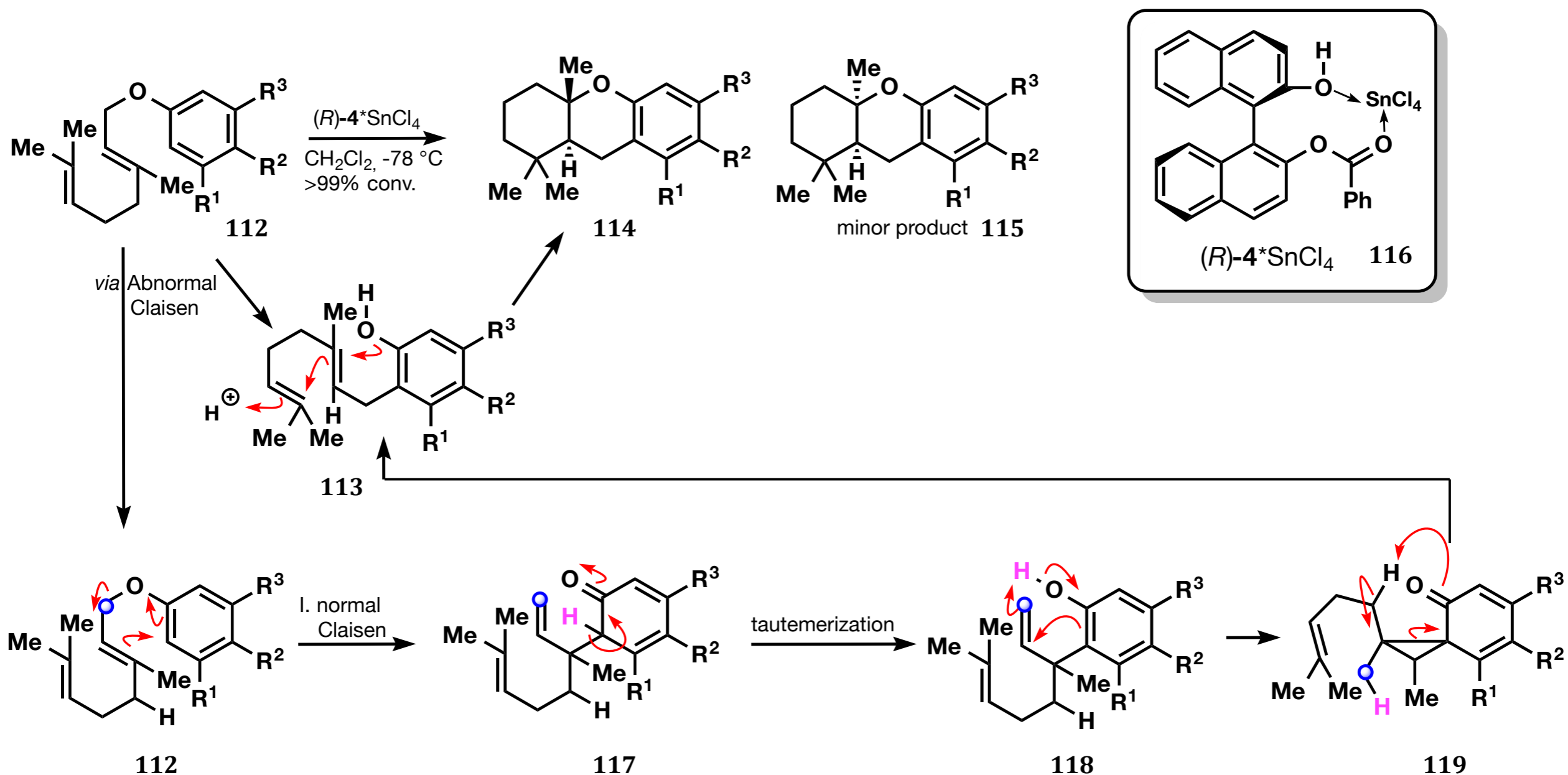
## Optically Active Allenes from $\beta$ -Lactone Templates



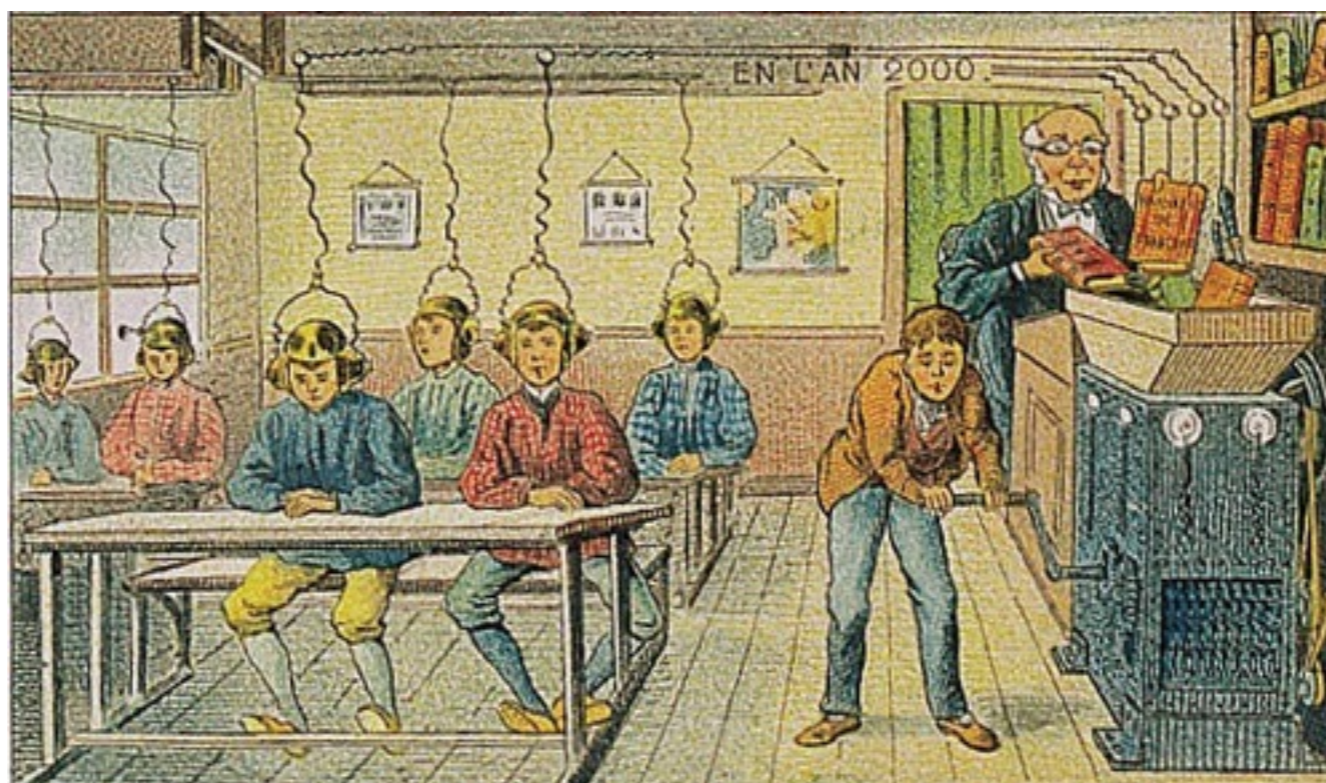
## A Novel and Practical Synthesis of L-Hexoses



Enantioselective Biomimetic Cyclization of Isoprenoids Using Lewis Acid Assisted Chiral Brønsted Acids.



Thank you for your attention



R&Q