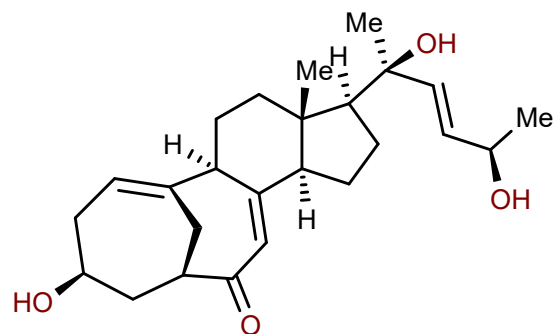
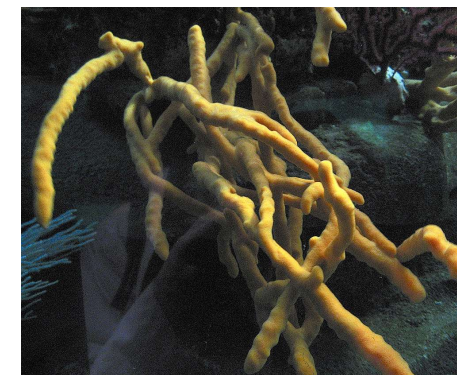


## Isolation and Structure



cyclocitrinol

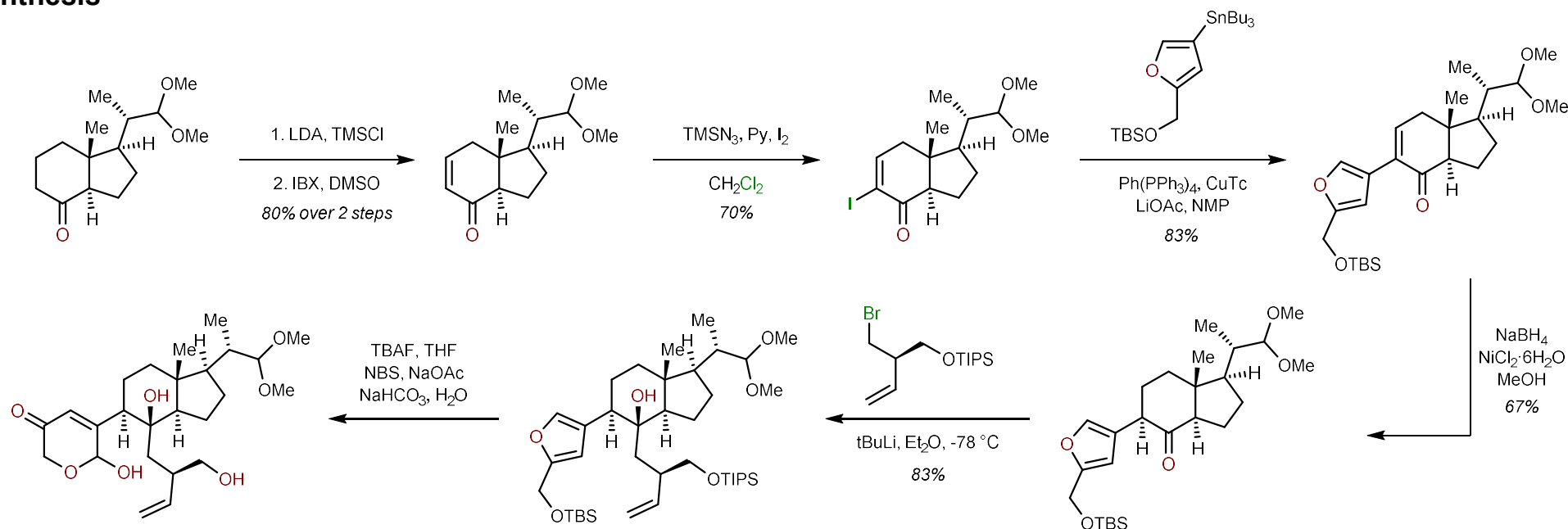
- Bicyclo[4.4.1] ring system
- Bridgehead double bond
- Eight Stereocenters: two quaternary



Axinellida sponge

Amagata, T.; Amagata, A.; Tenney, K.; Valeriote, F. A.; Lobkovsky, E.; Clardy, J.; Crews, P., *Org. Lett.* **2003**, 5 (23), 4393. <https://doi.org/10.1021/ol0356800>

## Synthesis



Liu, J.; Wu, J.; Fan, J.-H.; Yan, X.; Mei, G.; Li, C.-C., *J. Am. Chem. Soc.* **2018**, 140 (16), 536. <https://doi.org/10.1021/jacs.8b02629>

## Synthesis

