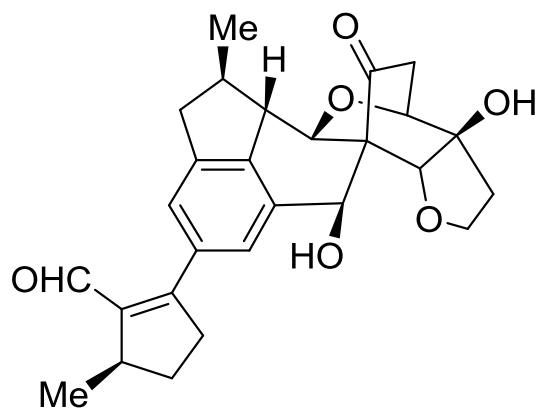


# -Incarviatone A

Benke Hong, Chao Li, Zhen Wang, Jie Chen, Houhua Li, and Xiaoguang Lei

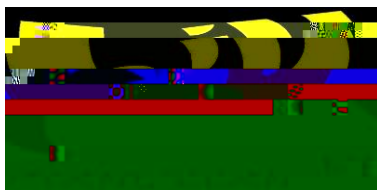
DOI: 10.1021/jacs.5b08551



**-Incarviatone A**

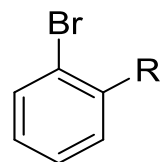
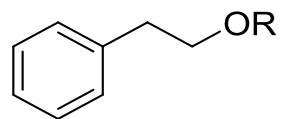
First isolated by Zhang group in 2012, and showed notable potential as a novel monoamine oxidase (MAO) inhibitor.

Has eight contiguous stereogenic centers and a unprecedented polycyclic framework.



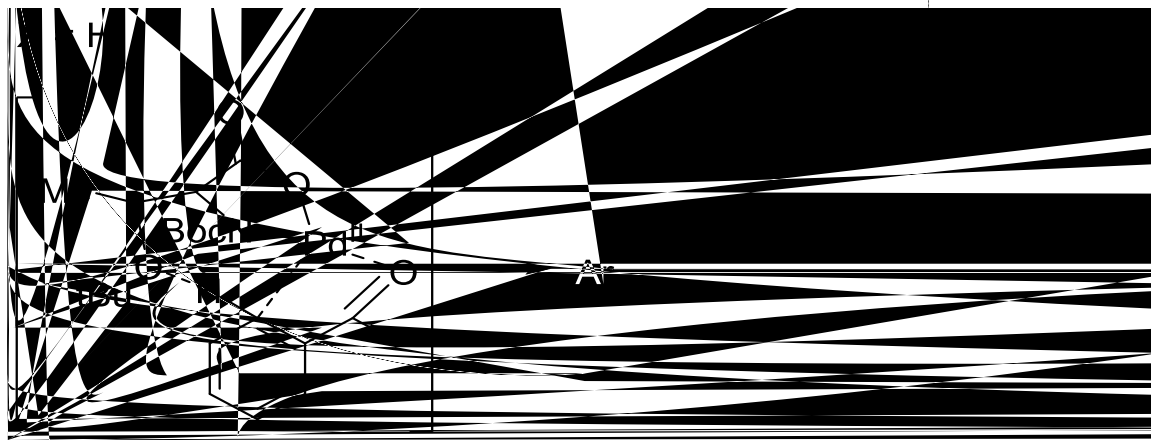
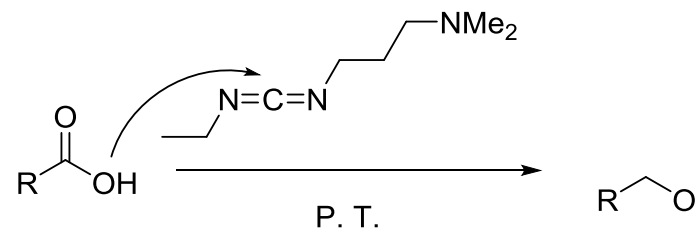
Presented by Yuanzhe Zhang, Liu group.

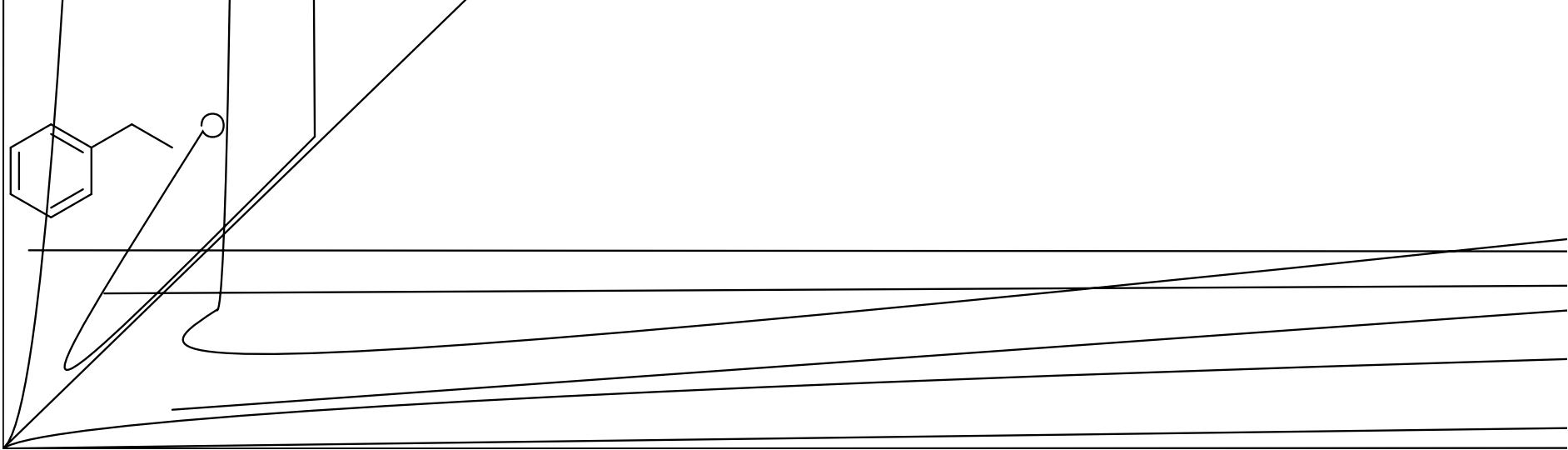




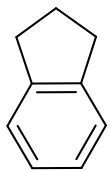
$\text{Pd}^0$

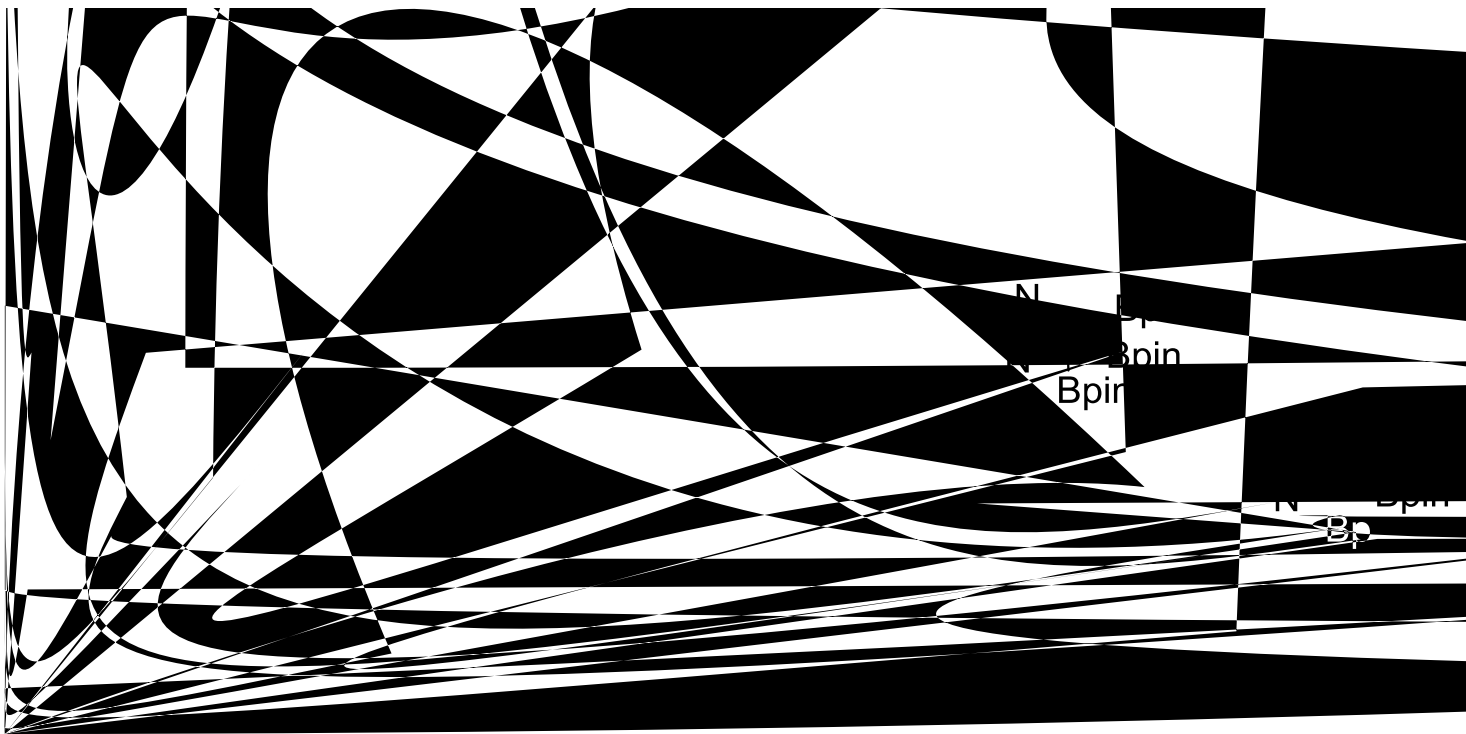
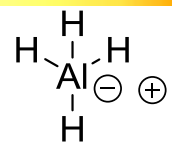
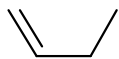
## Steglich Esterification

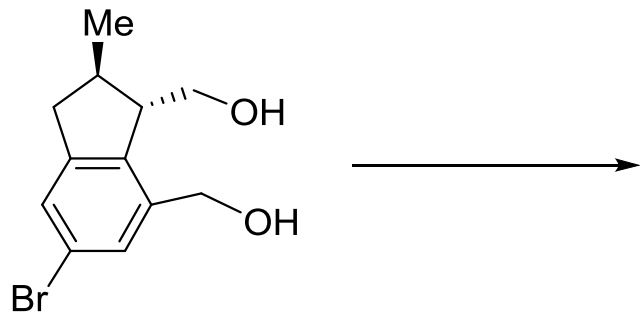




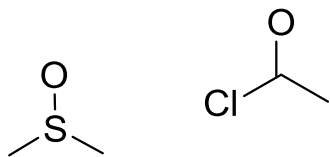
Me



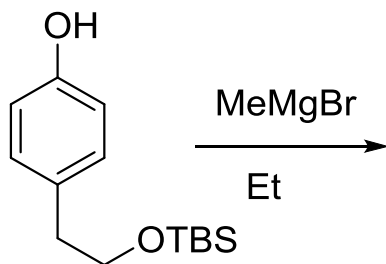




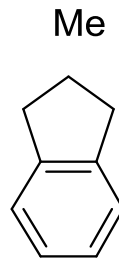
## Swern Oxidation

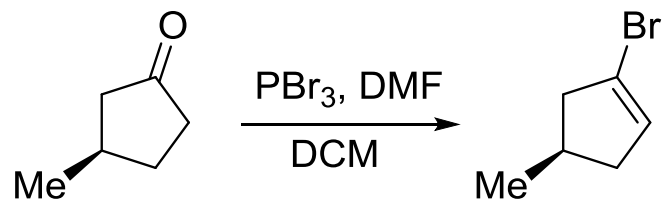


R-OH



## Phenolic aldol condensation



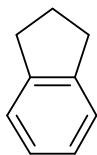


## Vilsmeier Haack reaction











## DMP Oxidation



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