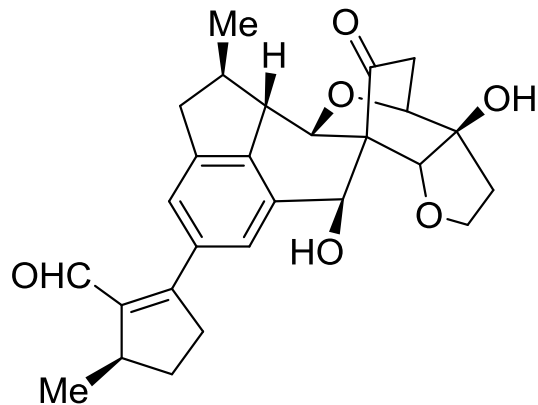


-Incarviatone A

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

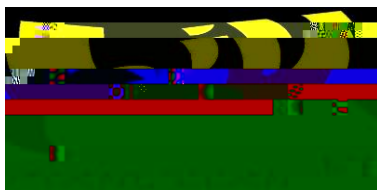
DOI: 10.1021/jacs.5b08551



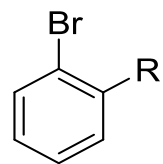
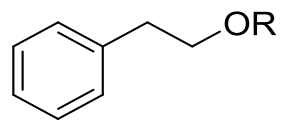
-Incarviatone A

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.

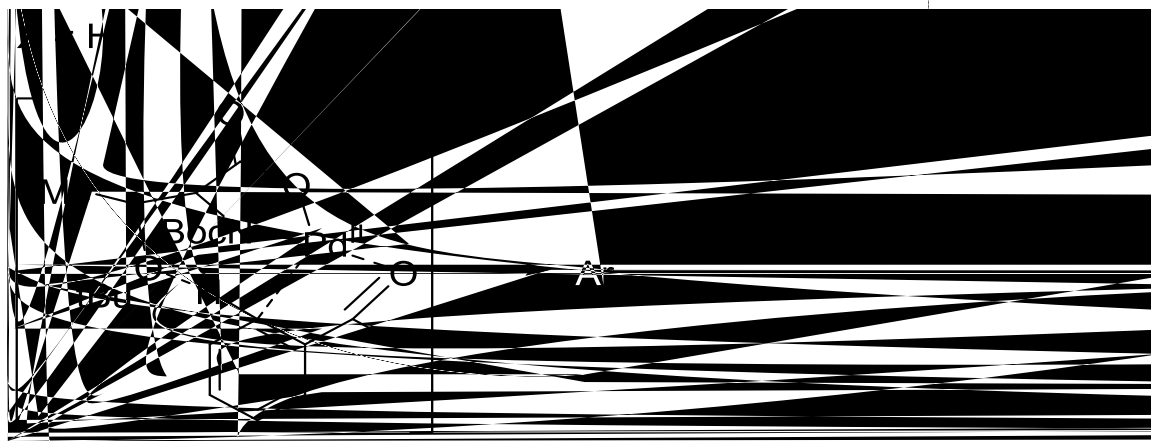
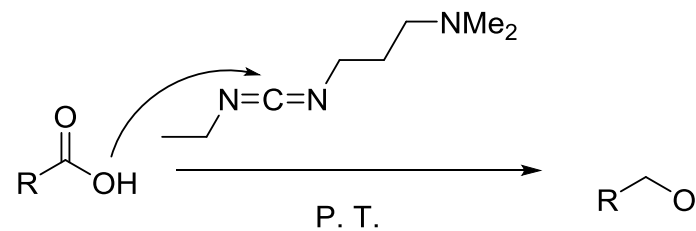


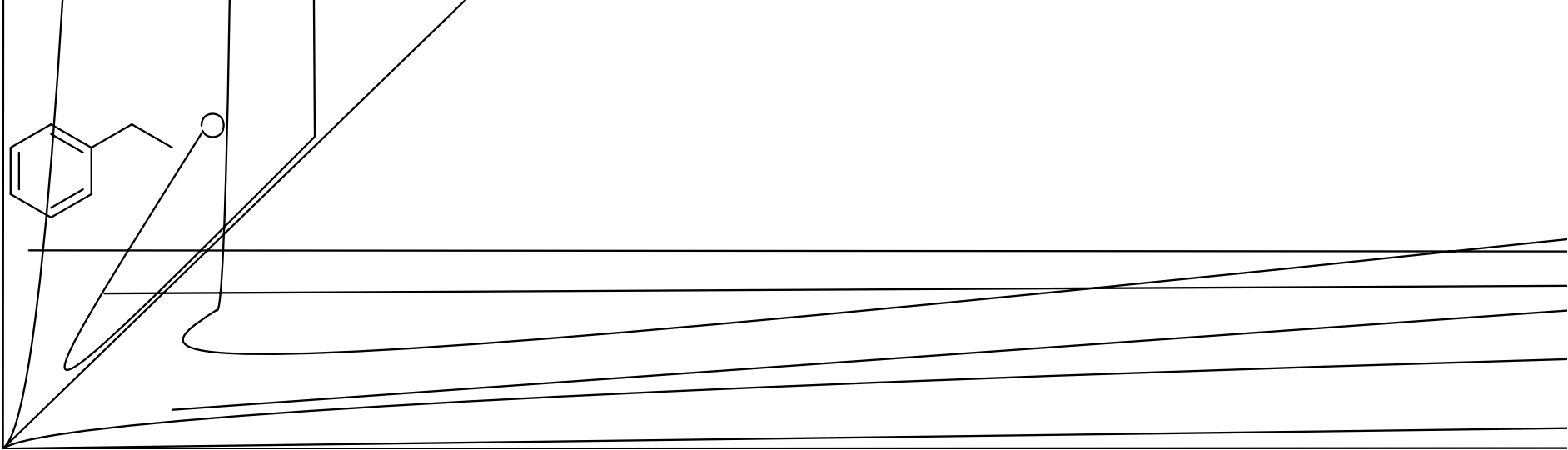
Presented by Yuanzhe Zhang, Liu group.



Pd^0

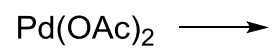
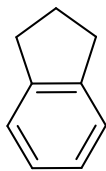
Steglich Esterification

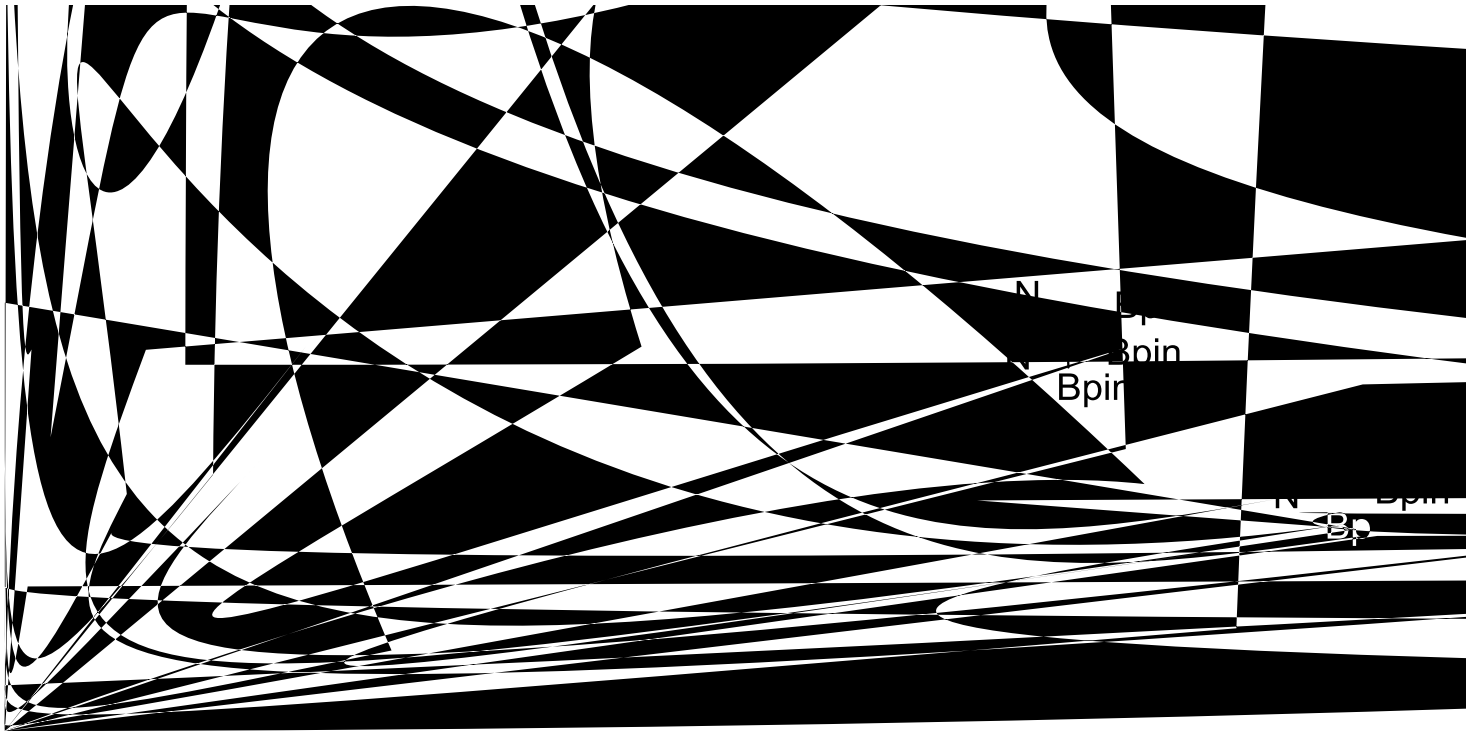
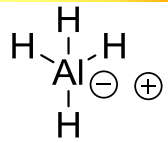
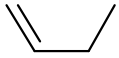


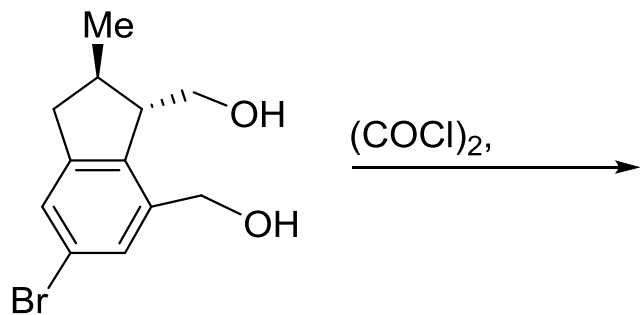




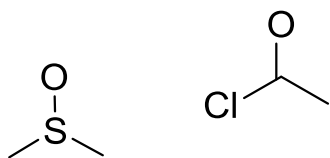
Me



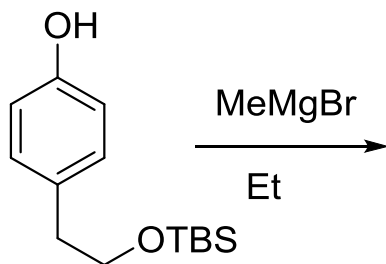




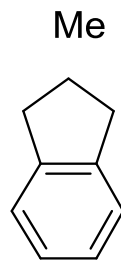
Swern Oxidation

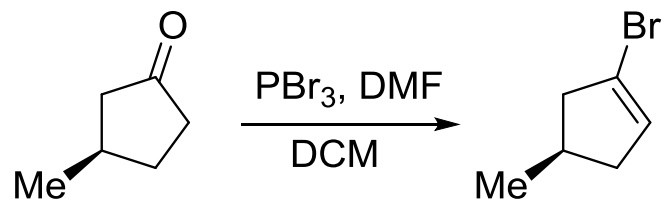


R-OH



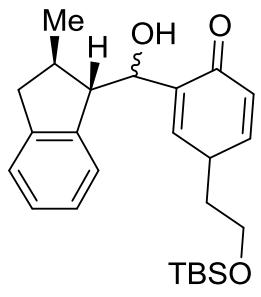
Phenolic aldol condensation





Vilsmeier Haack reaction







DMP Oxidation



-
-
-