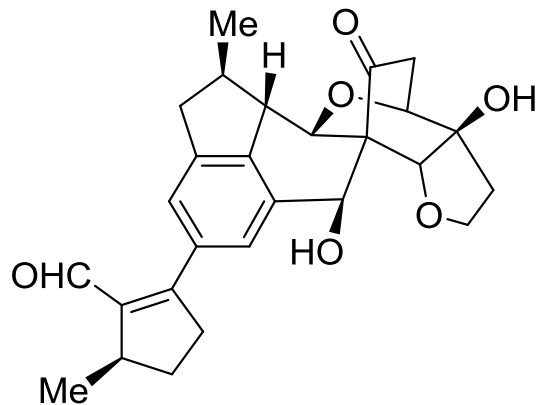


-Incarviatone A

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

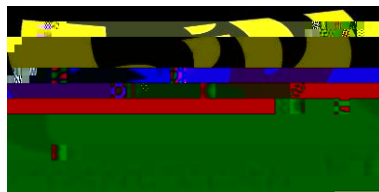
DOI: 10.1021/jacs.5b08551



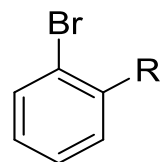
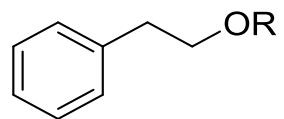
-Incarviatone A

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.

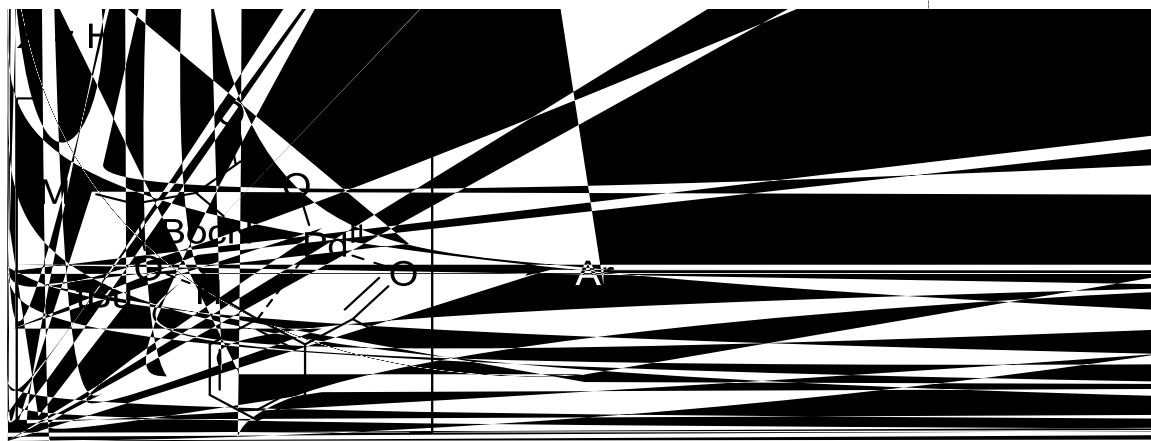
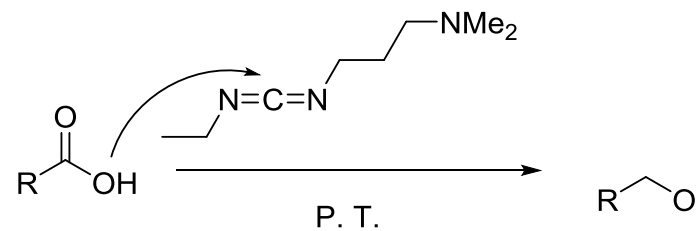


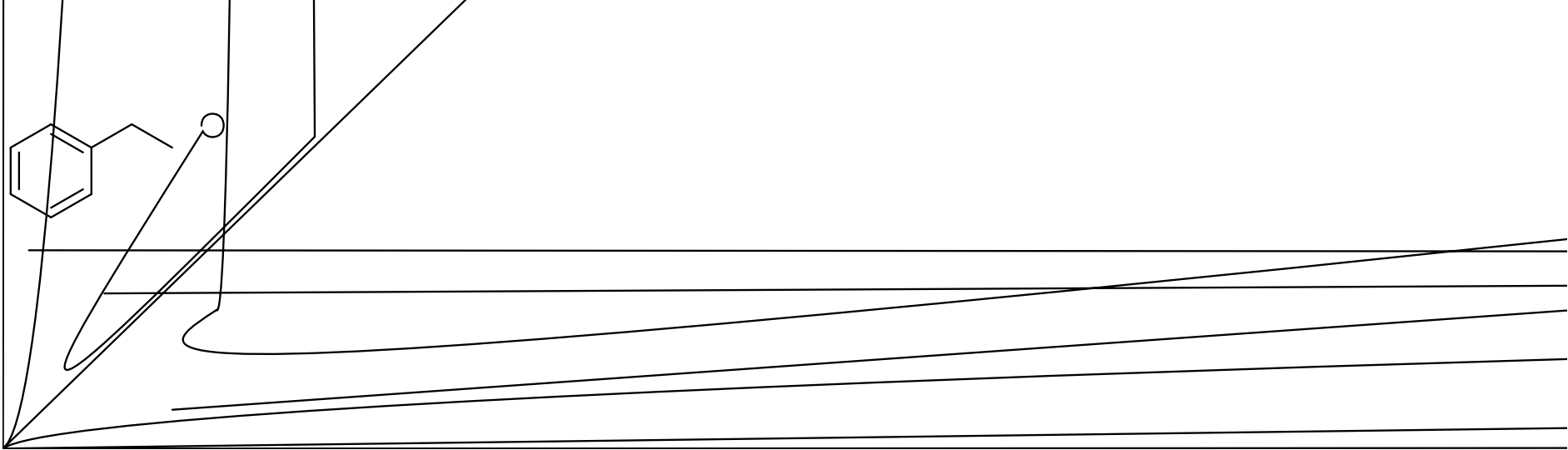
Presented by Yuanzhe Zhang, Liu group.



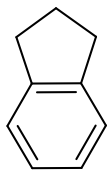
Pd^0

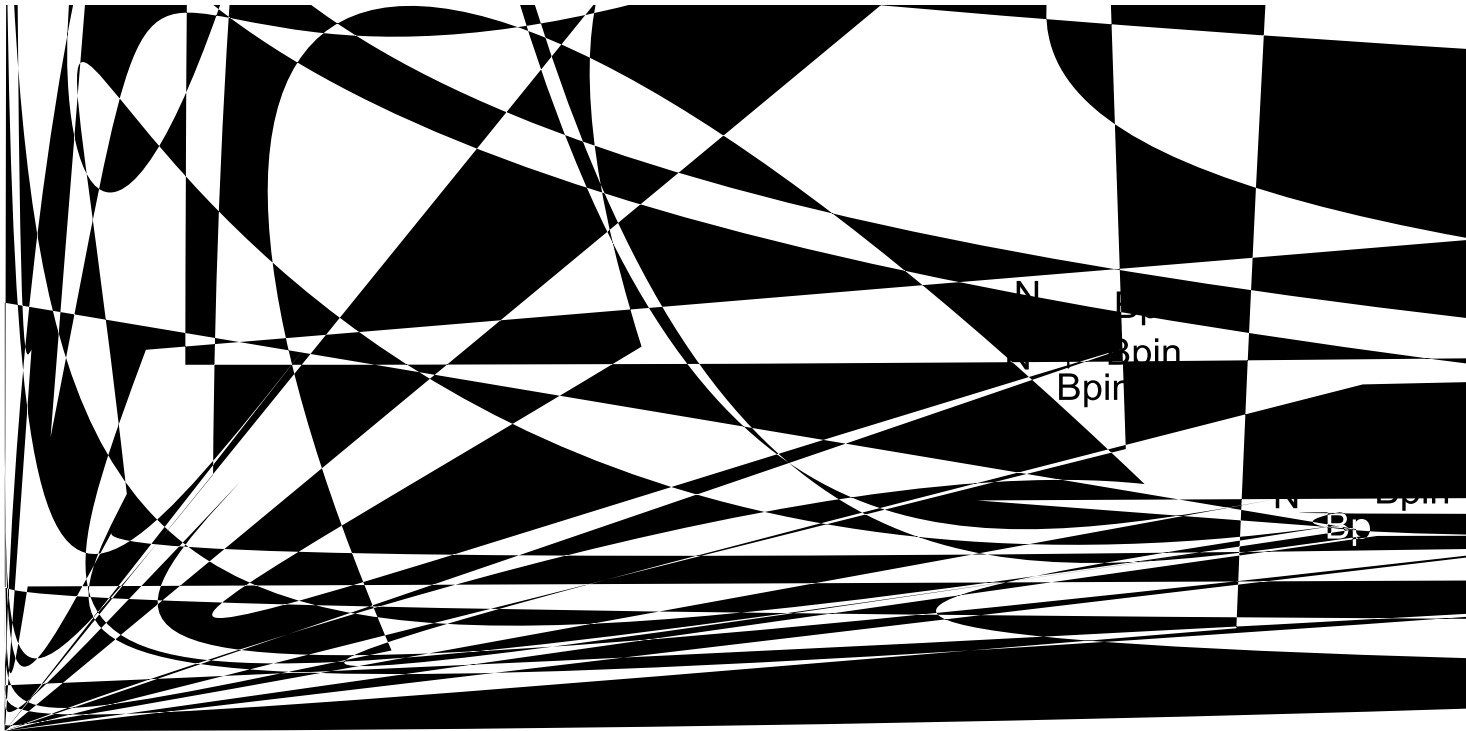
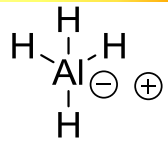
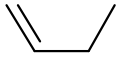
Steglich Esterification

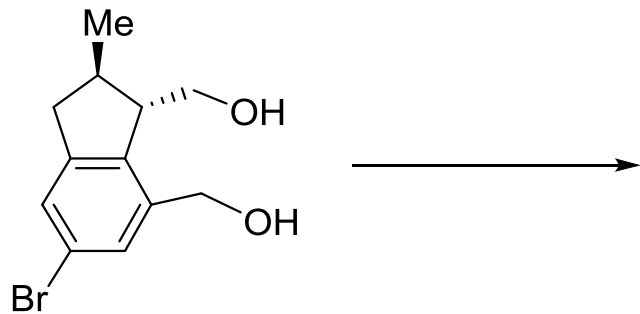




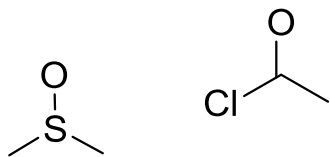
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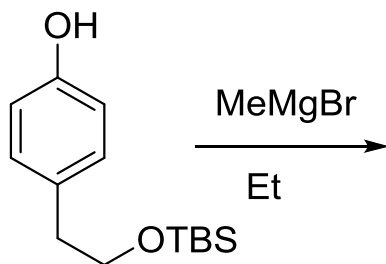




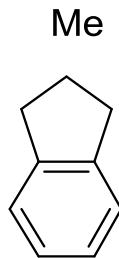
Swern Oxidation

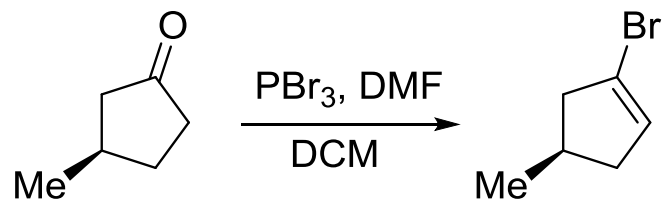


R-OH



Phenolic aldol condensation





Vilsmeier Haack reaction







DMP Oxidation



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