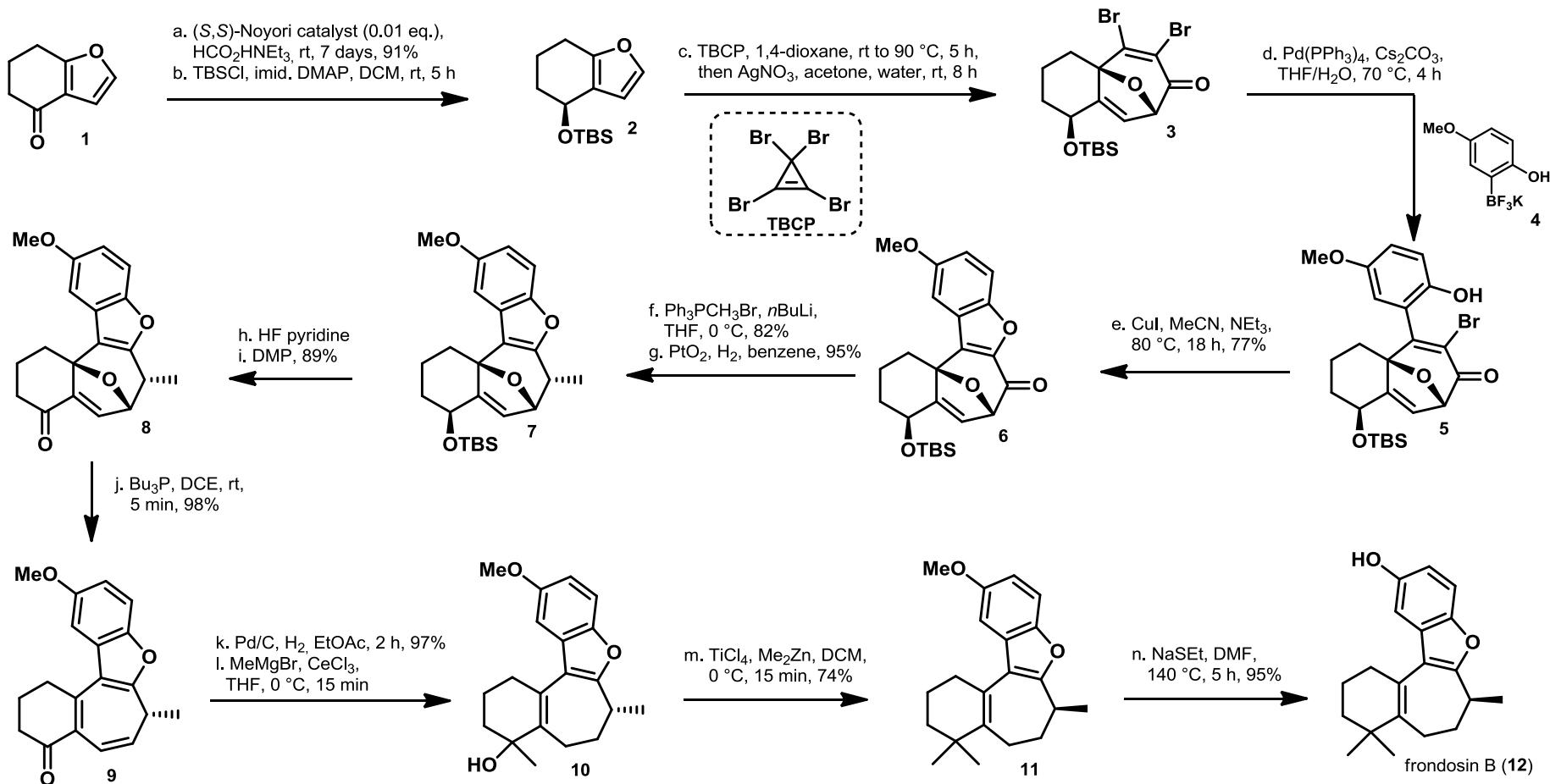


It's 2014.

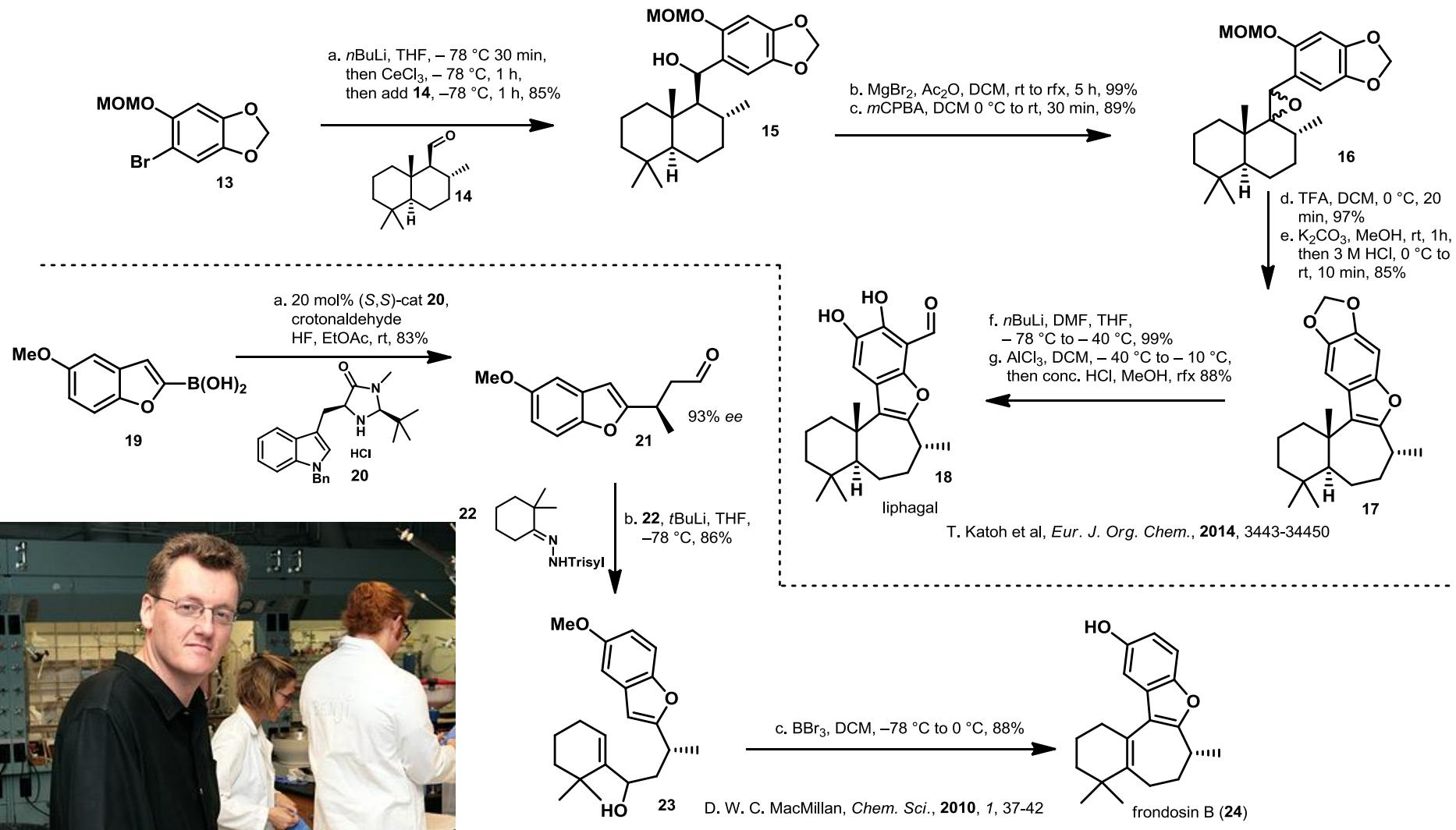
Sebastian Krüger, AK Gaich
Literature Talk

Total Synthesis

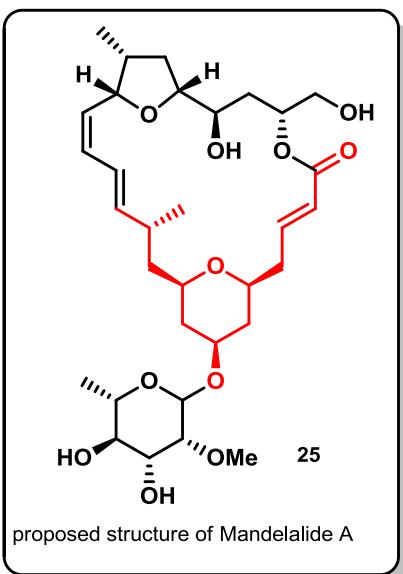
Frondosin B



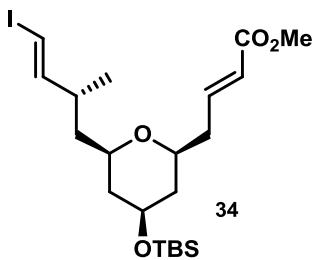
Related



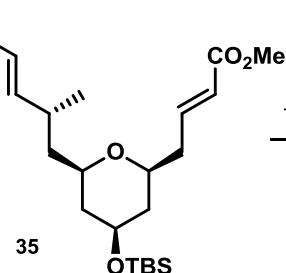
Mandelaide A, part 1



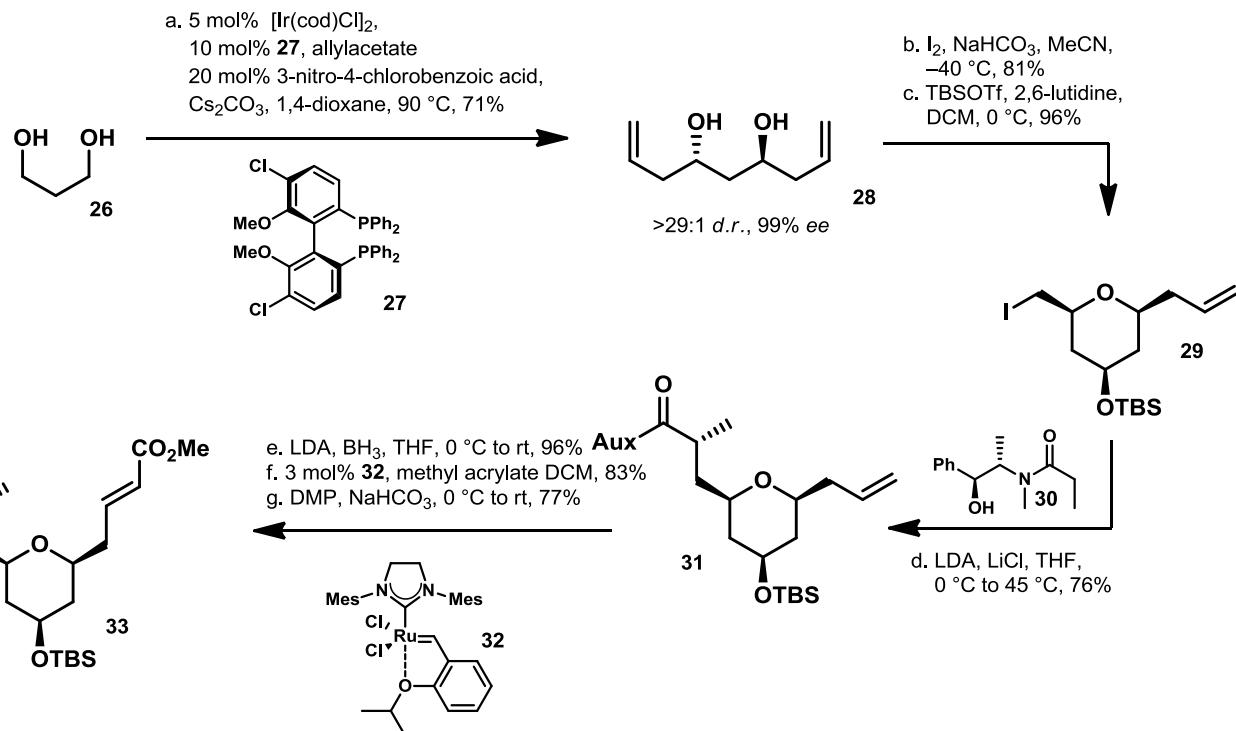
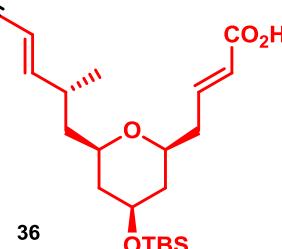
h. CHI_3 , CrCl_2 , THF, -8°C ,
aq. serine workup, 72%



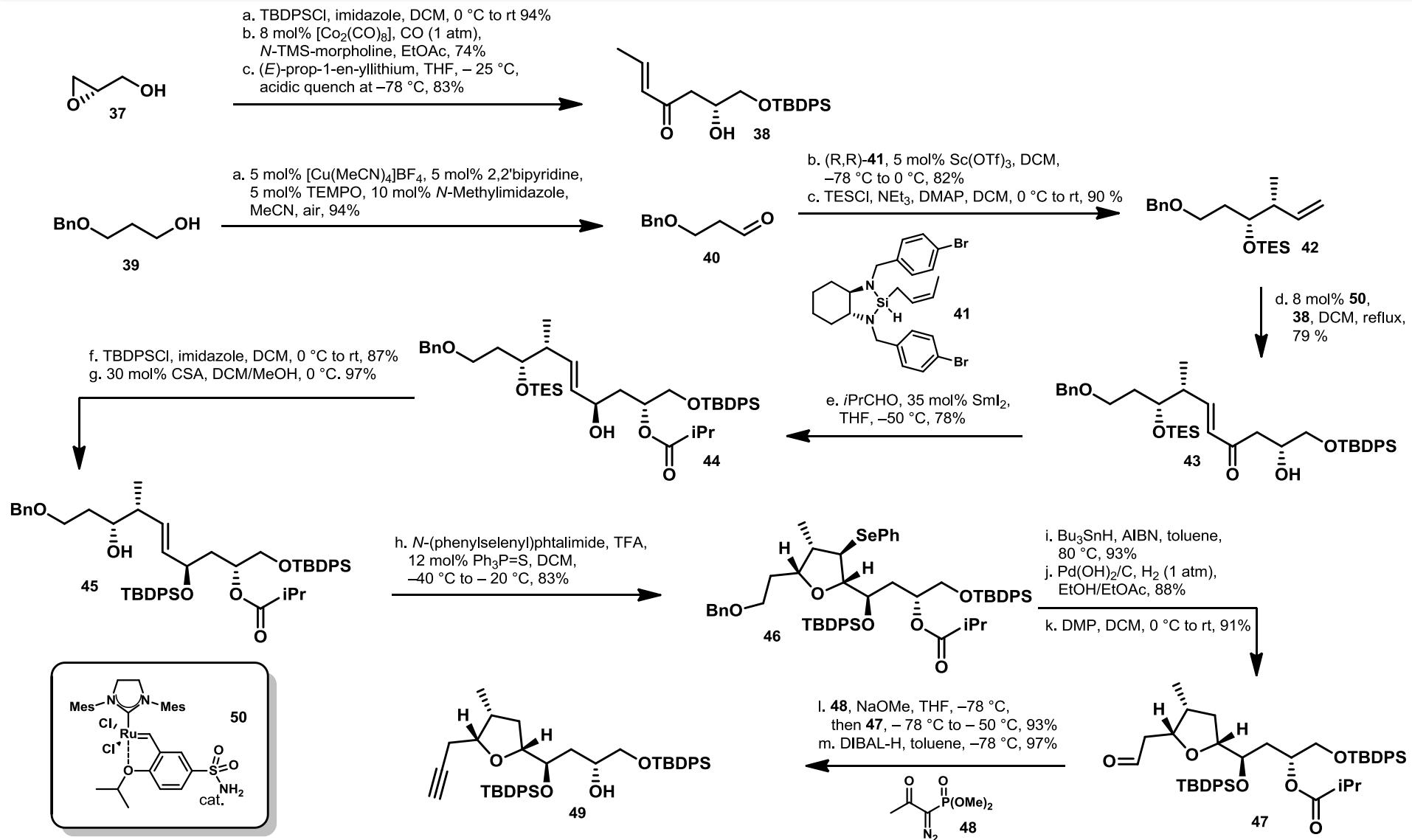
i. propynyl sodium, $\text{B}(\text{OMe})_3$,
10 mol% $[\text{Pd}(\text{dpdf})\text{Cl}_2]$,
THF, 70°C , 81%



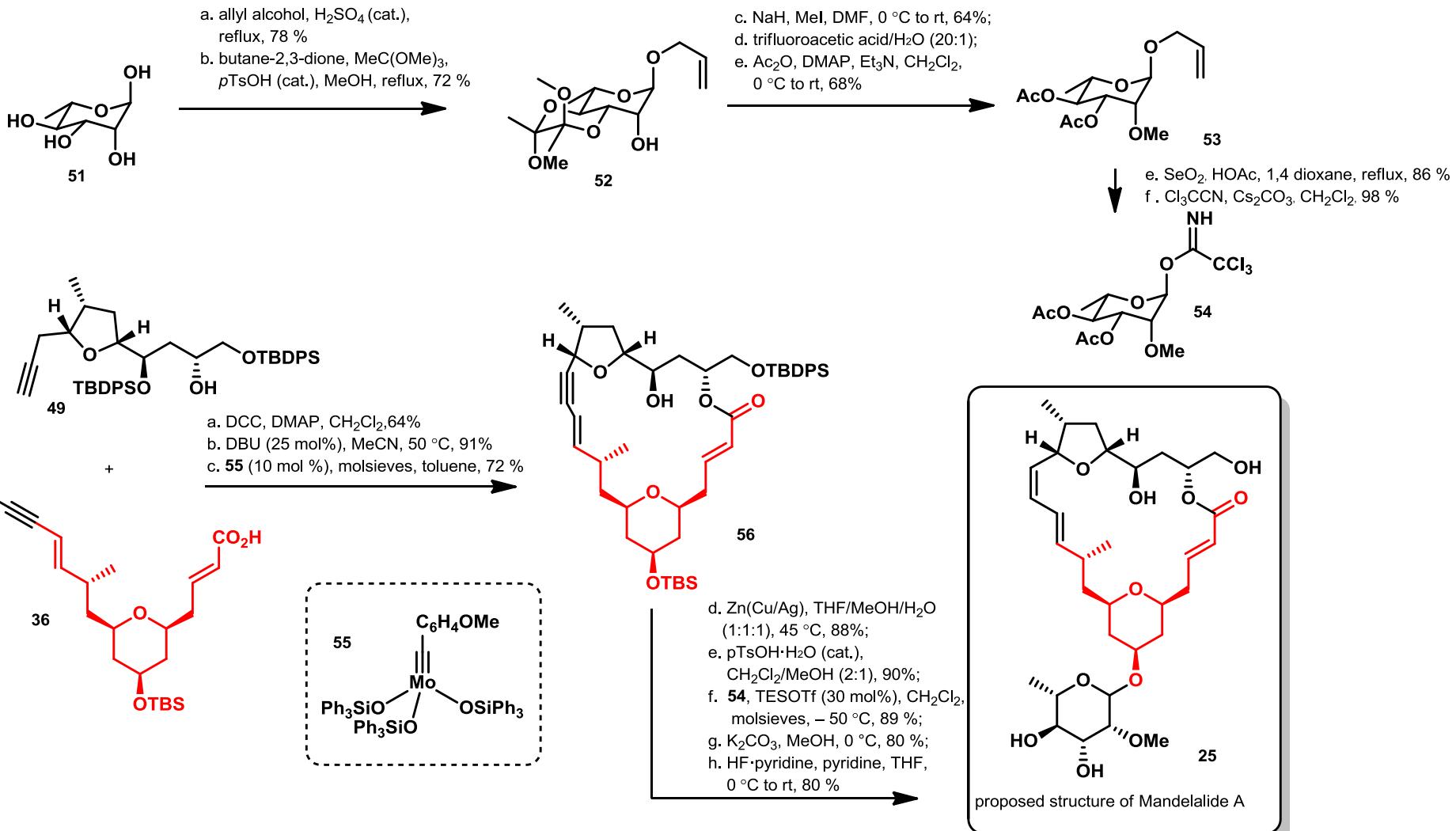
j. Me_3SiOK , Et_2O , 80%



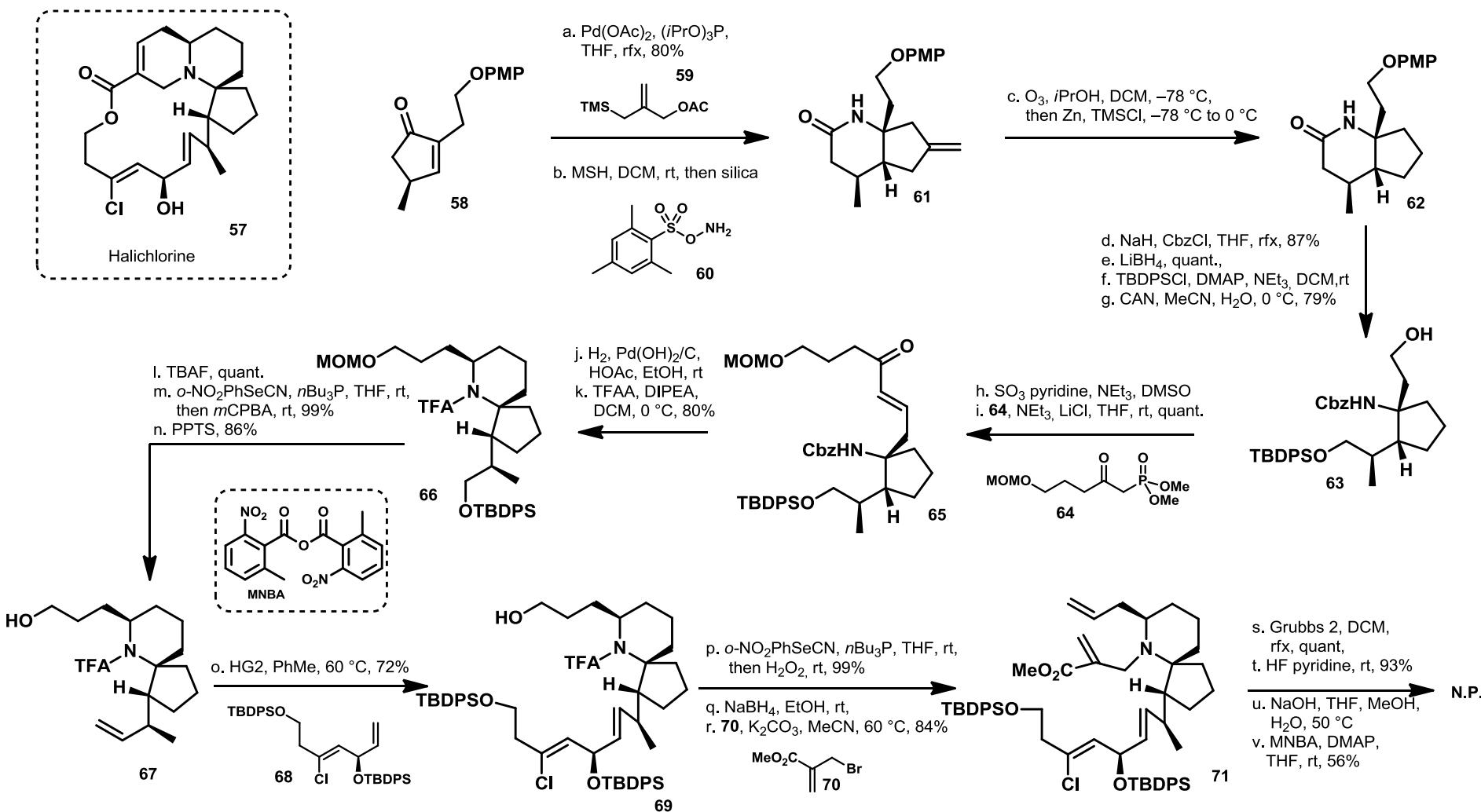
Mandelaide A, part 2



Mandelalide, part 3

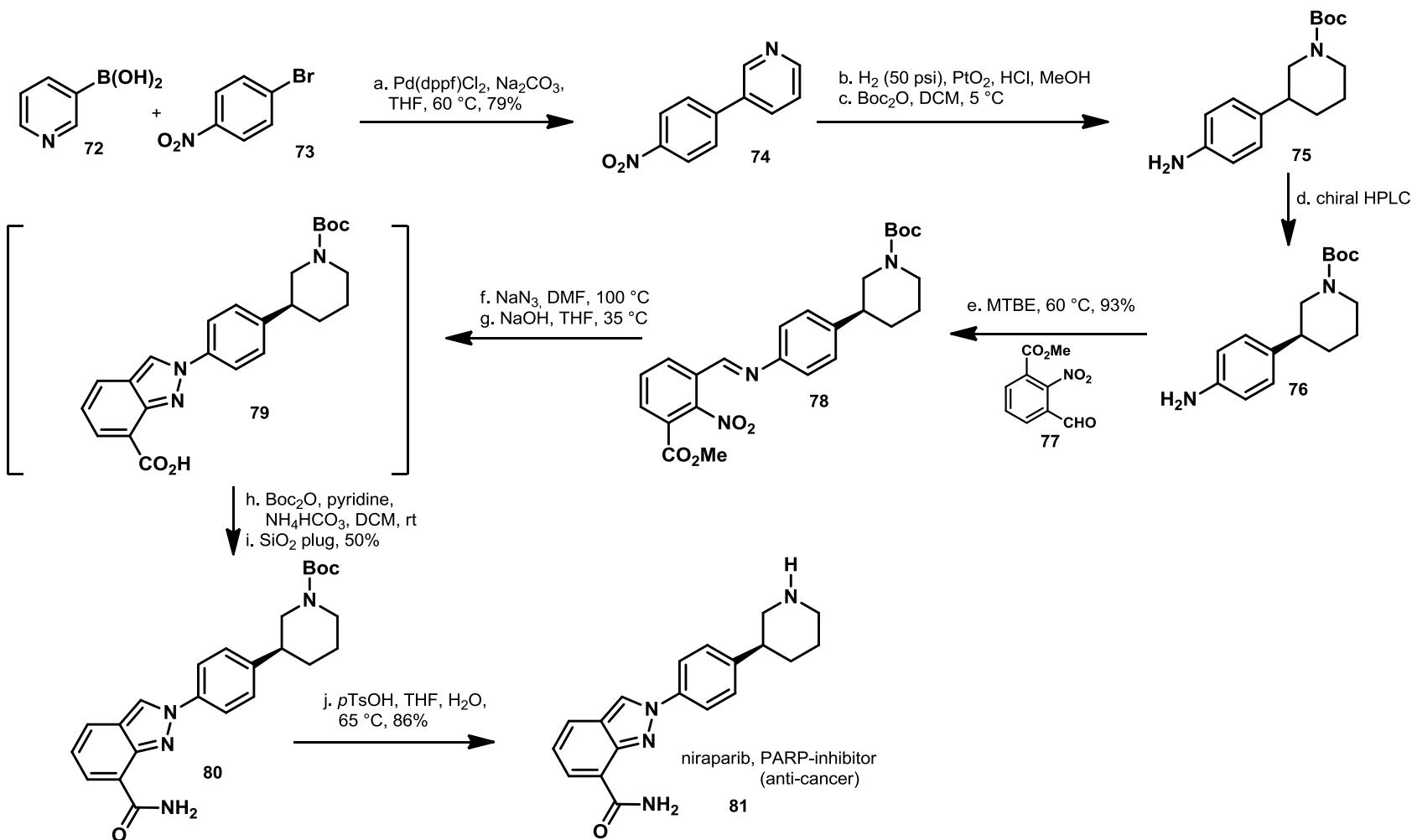


Halichlorine

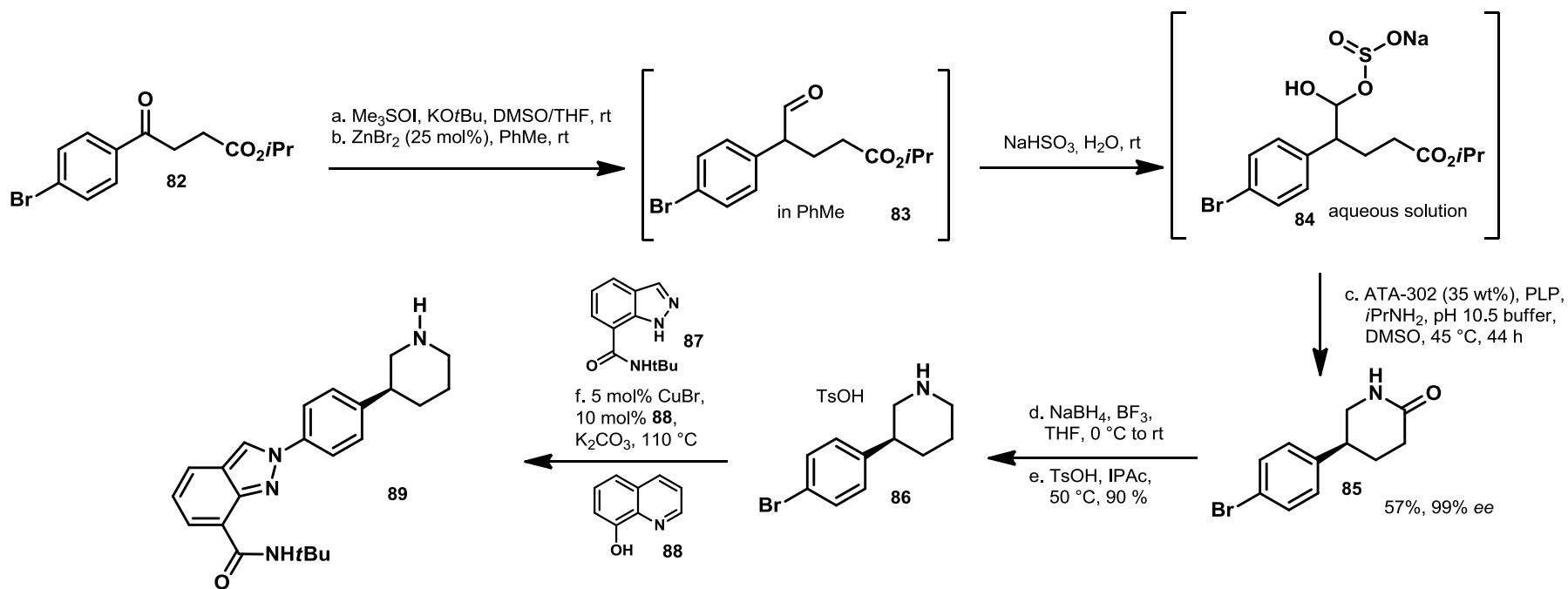


Med. Chem.

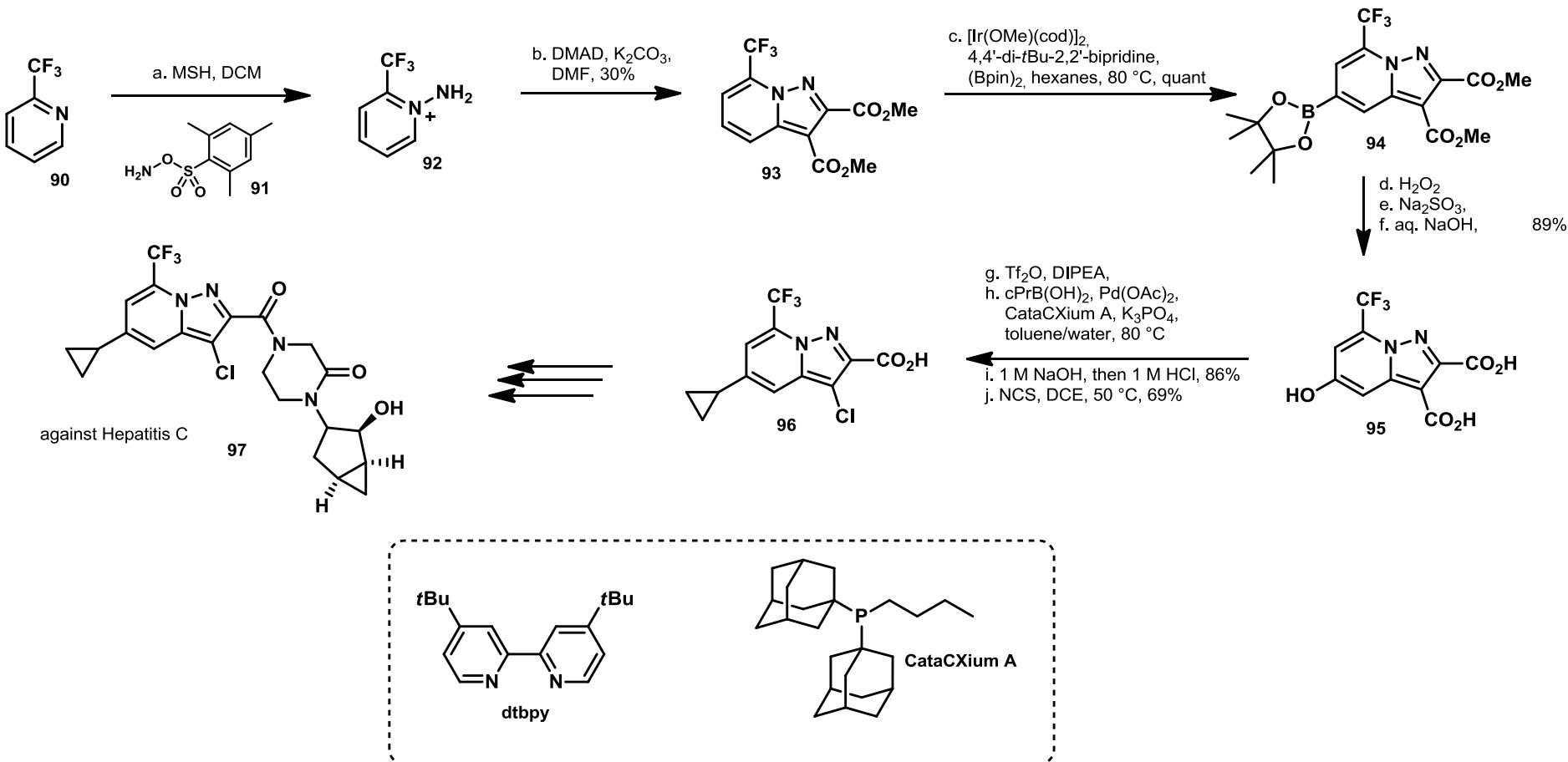
Med-Chem 1



Med-Chem 2

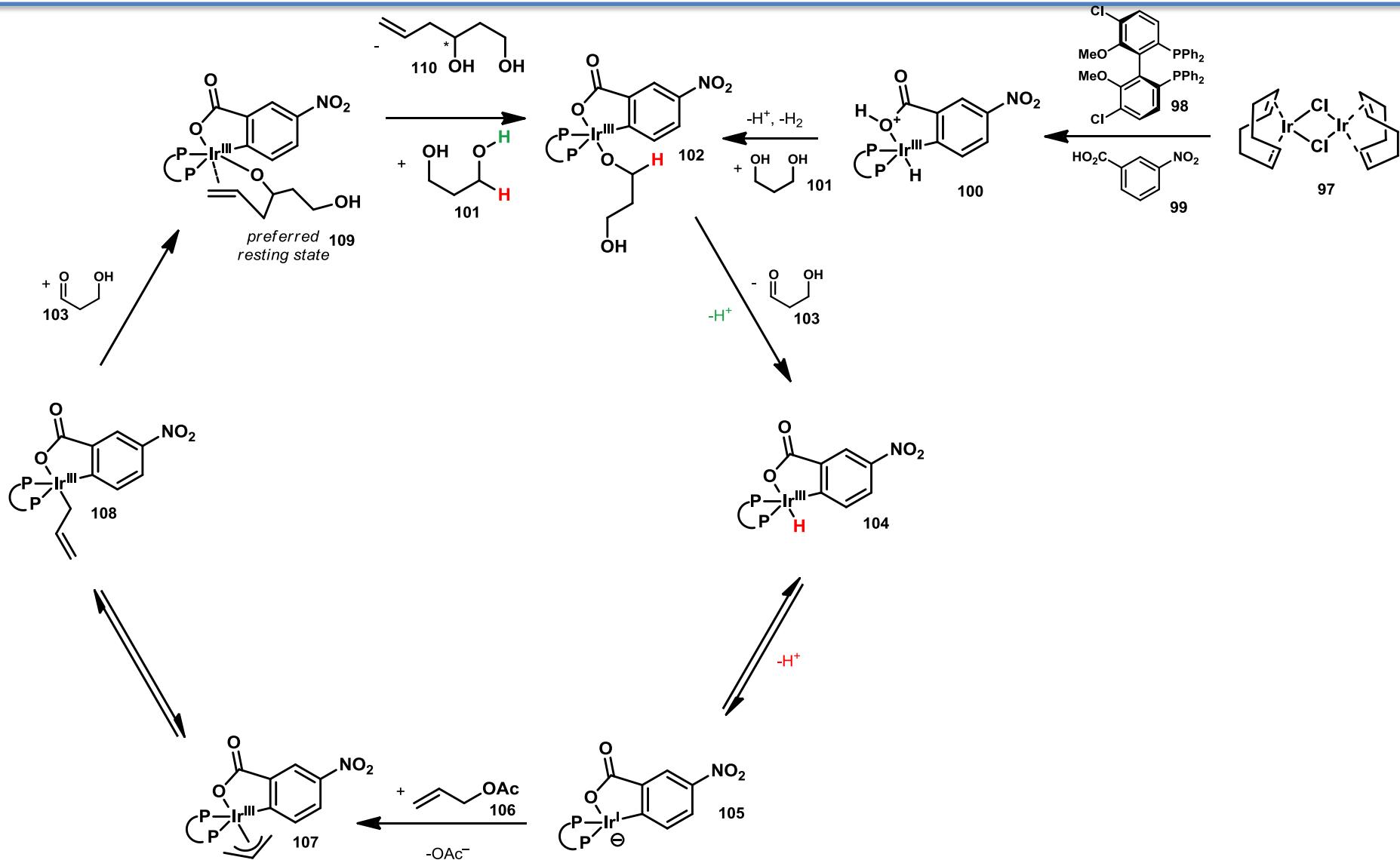


Med-Chem 2

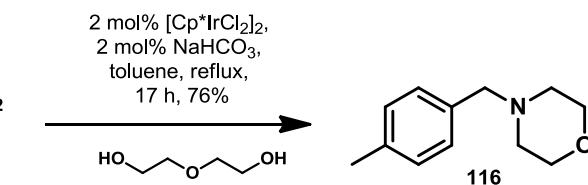
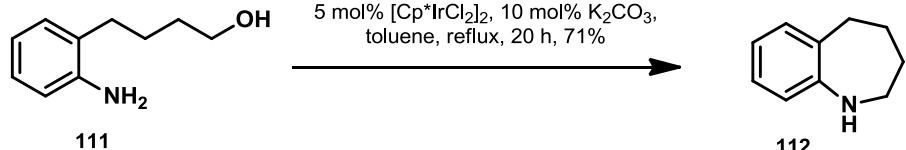


lr

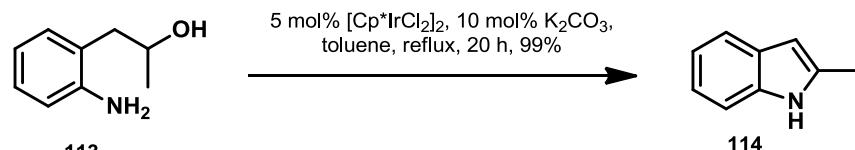
Krische Transferhydrogenation Mechanism



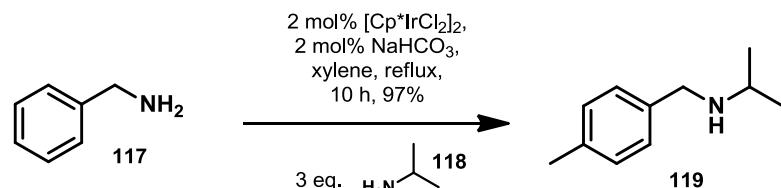
Transferhydrogenation examples



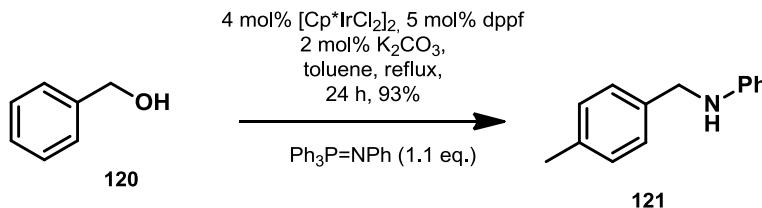
K. Fujita, T. Fuji, R. Yamaguchi, *OL*, **2004**, 6, 3525-3528



K. Fujita, K. Yamamoto, R. Yamaguchi, *OL*, **2002**, 4, 2691-2694

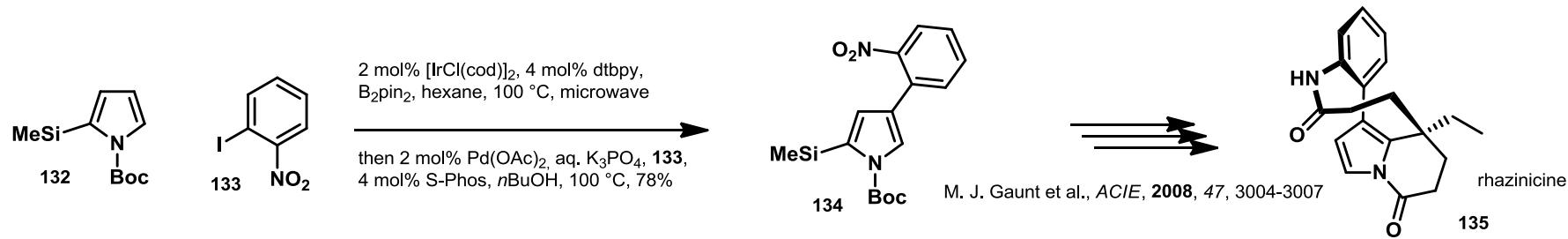
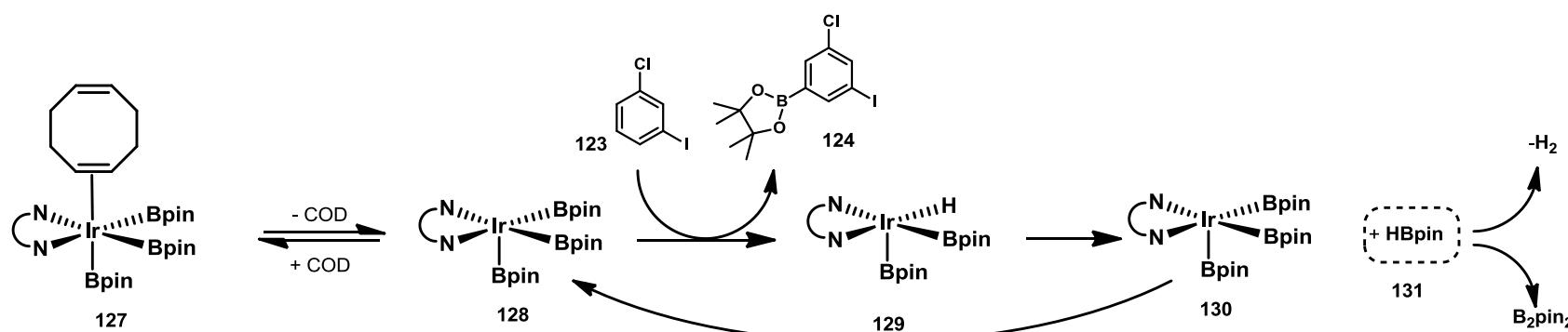
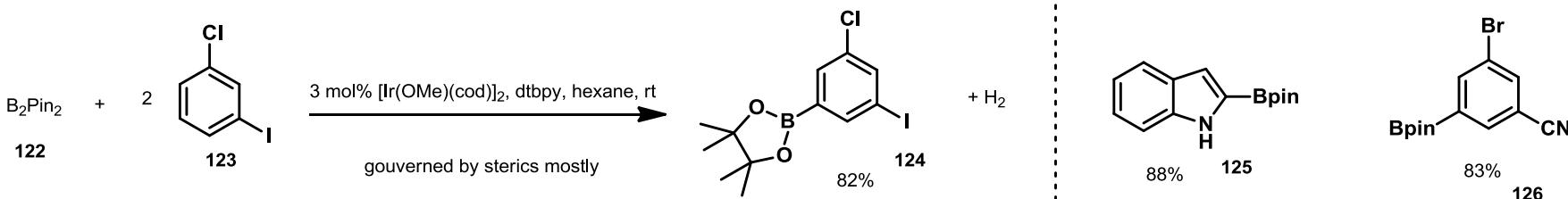


O. Saidi, A. J. Blacker, M. Farah, S. P. Mardsen, J. M. J. Williams, *ACIE*, **2009**, 48, 7375



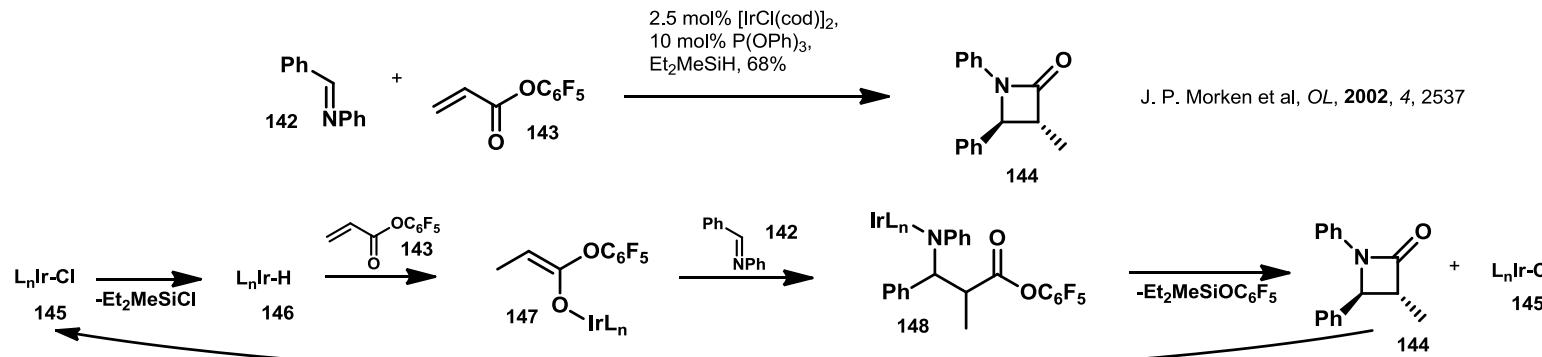
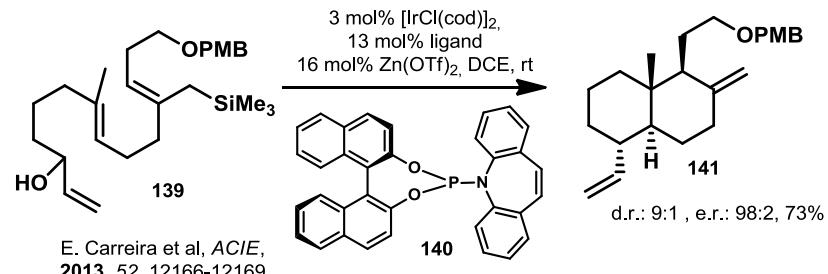
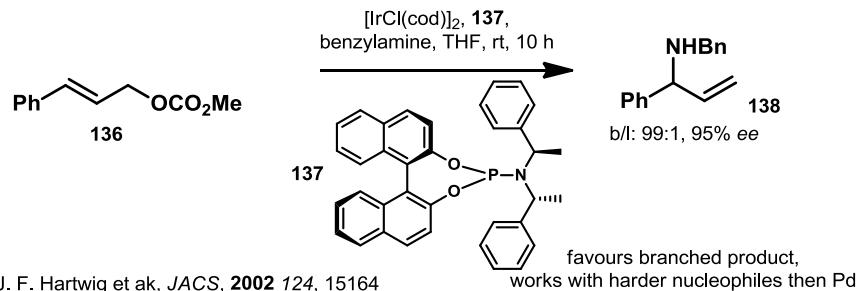
G. Cami-Kobeci, J. M. J. Williams, *Chem. Commun.*, **2004**, 1072-1073

Other Iridium examples



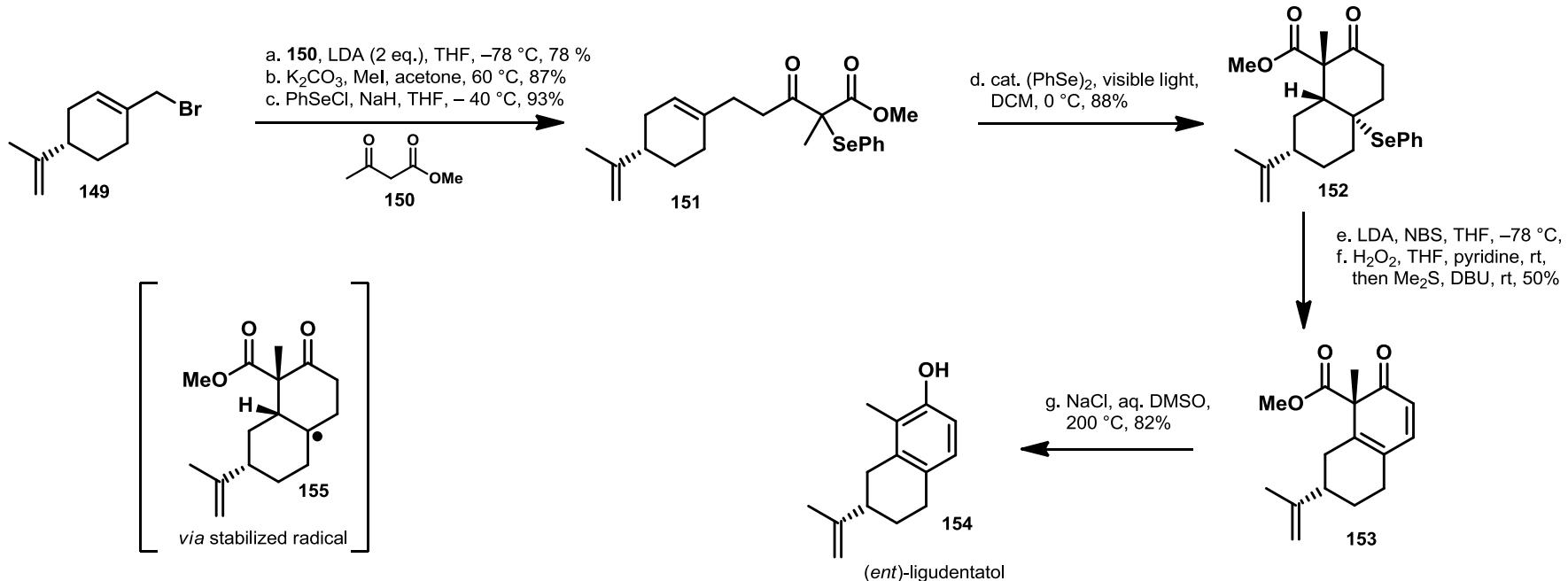
Other Iridium examples

allylic substitution

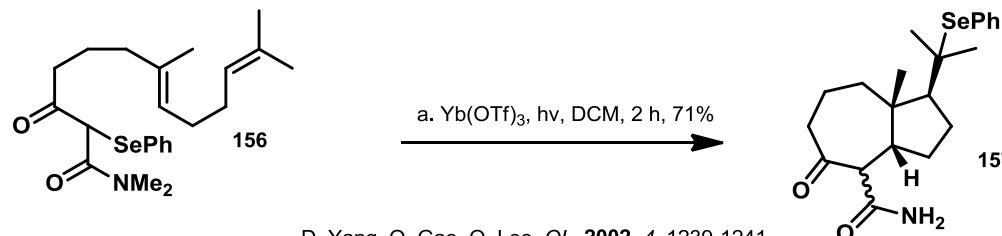


Atom Transfer Cascades

Ligudentatol



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