

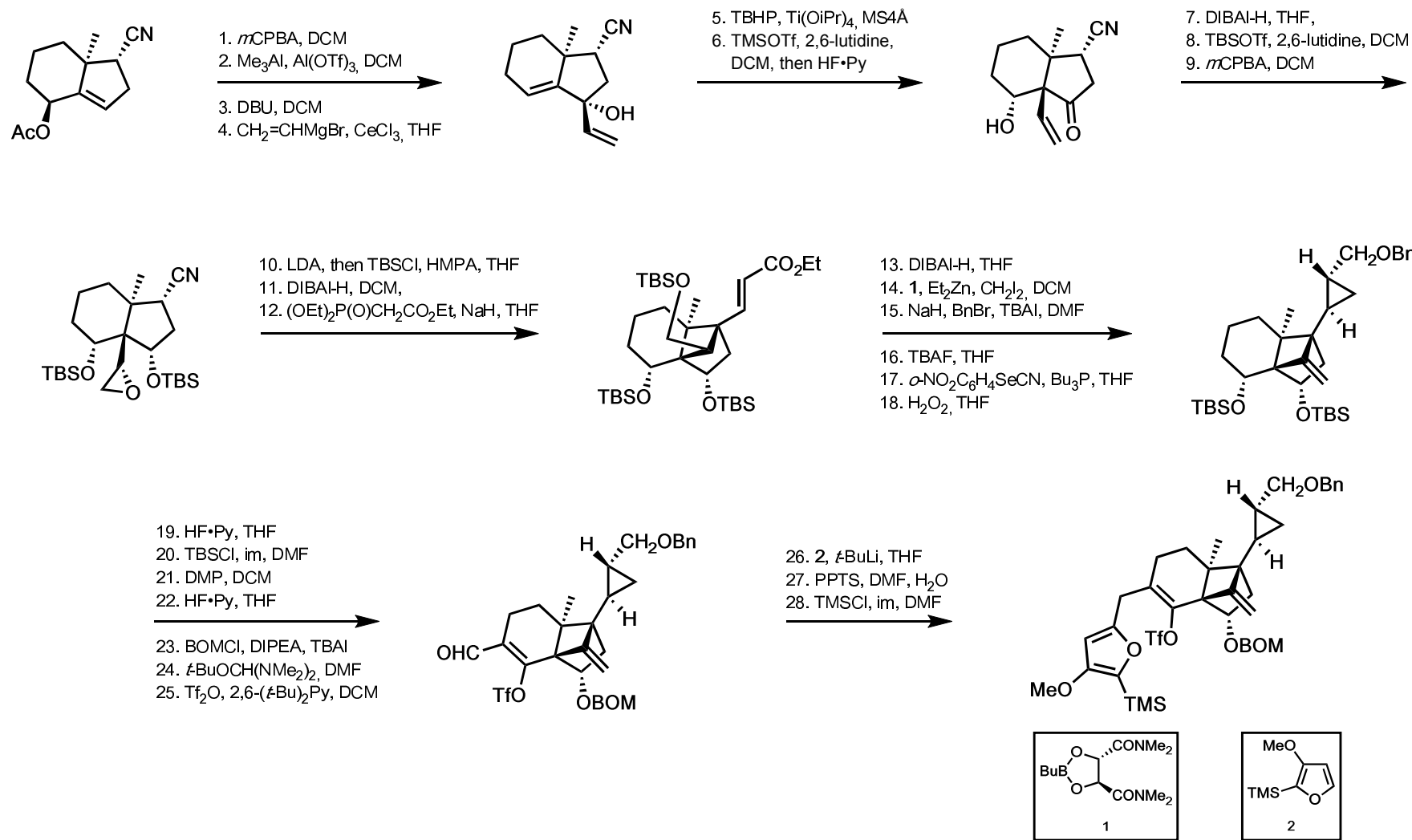
# Total Synthesis of Solanoeclepin A

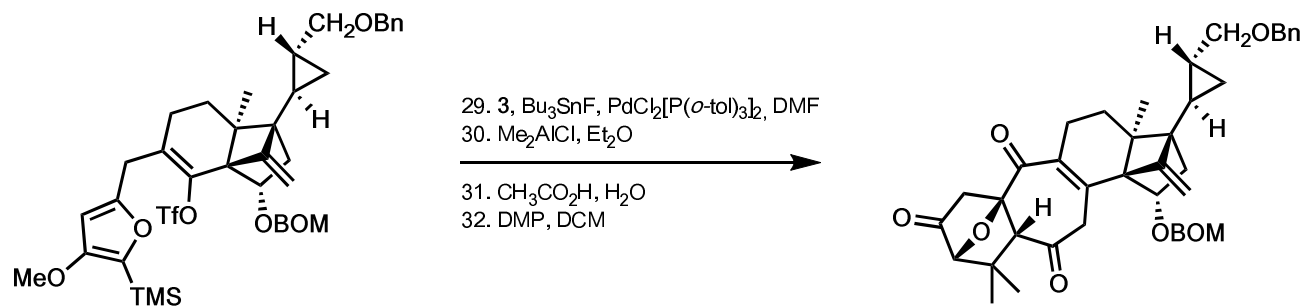
(Stimulates early hatching of potato cyst nematodes)

Denksport 15.02.2017

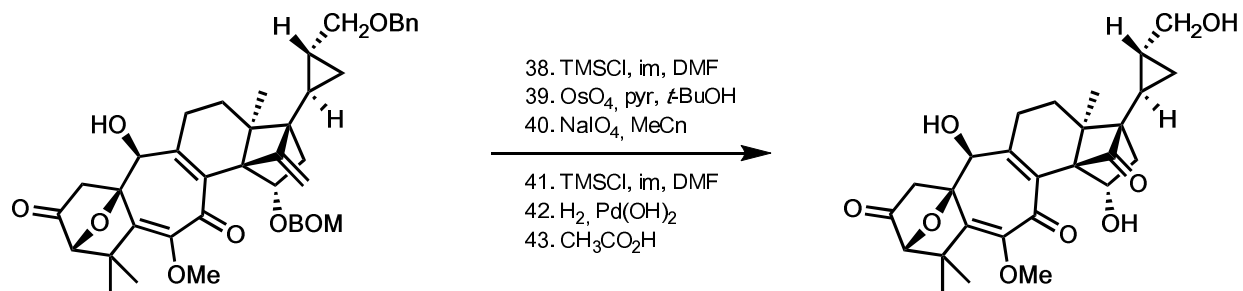
Michael Richter

K. Tanino, M. Takahashi, Y. Tomata, H. Tokura, T. Uehara, T. Narabu, M. Miyashita, Nat. Chem. 2011, 3, 484-488





33.  $\text{SeO}_2$ , 1,4-dioxane,  $\text{H}_2\text{O}$   
 34.  $\text{Cu}(\text{OAc})_2$ , MeOH  
 35. MeI,  $\text{Ag}_2\text{O}$ , DMF  
 36. DIBAL-H, toluene  
 37. IBX, DCM/DMSO



44. TMSCl, im, DMF  
 45. DMP, DCM  
 46.  $\text{NaClO}_2$ ,  $\text{NaH}_2\text{PO}_4$ ,  
 2-methyl-2-butene,  $t\text{-BuOH}$   
 47. 3M HCl,  $\text{CH}_3\text{CO}_2\text{H}$ ,  $\text{H}_2\text{O}$

