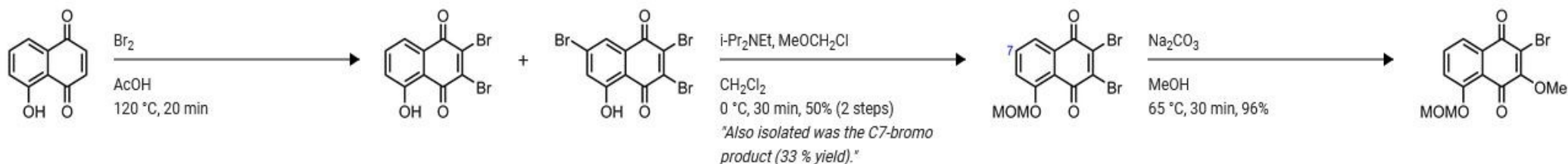
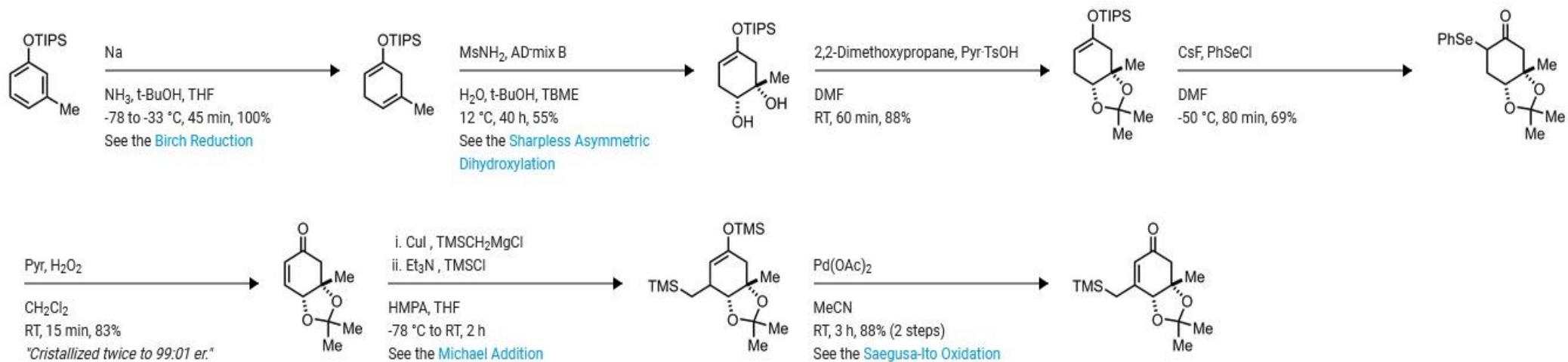


# Annexe 1 : Synthèse proposée par B. Herzon en 2010

## Part 1 of 3

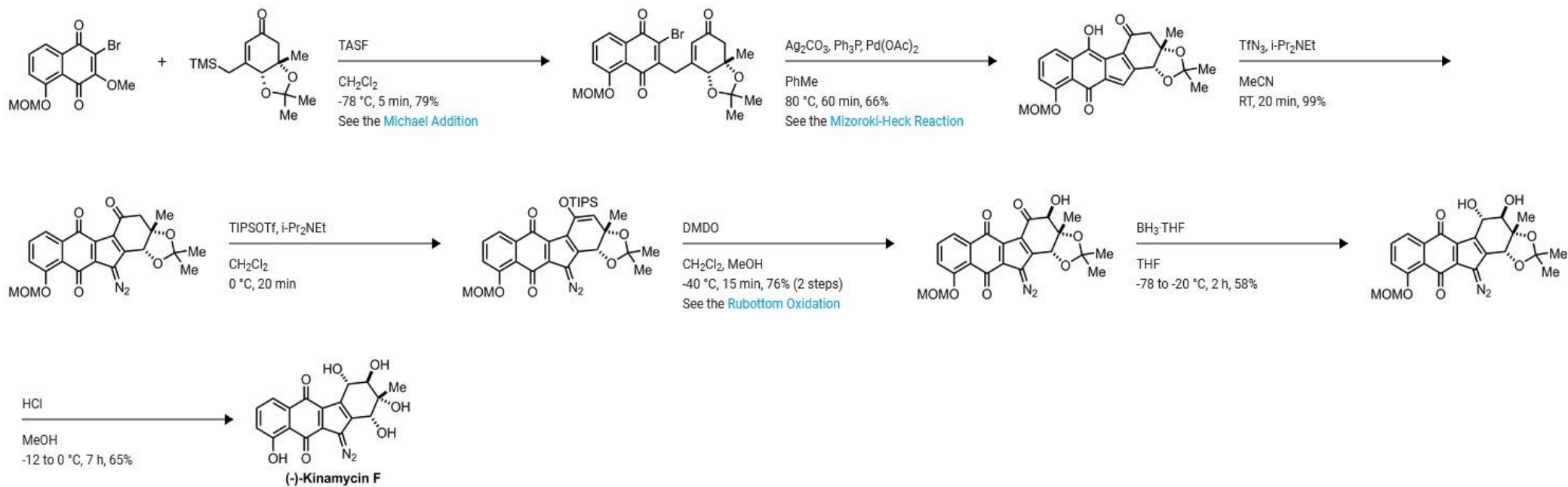


## Part 2 of 3

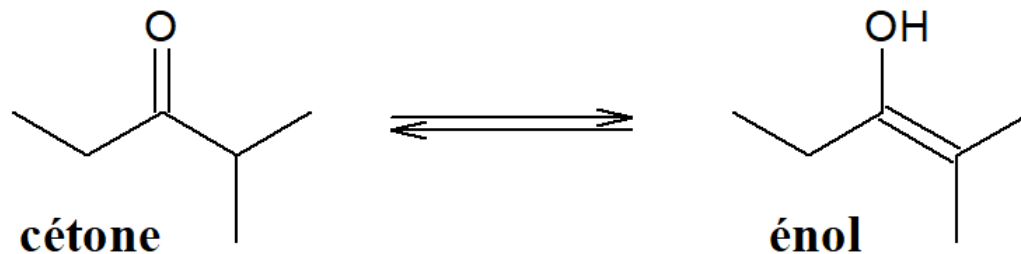


**MOMO =  $\text{CH}_3\text{-O-CH}_2\text{-O-}$  = groupe protecteur de type acétal  
 (déprotection : solution aqueuse acide)**

Part 3 of 3

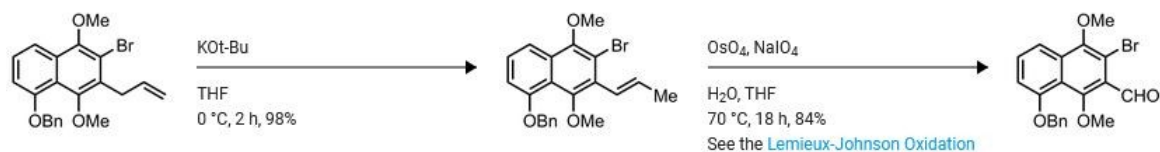
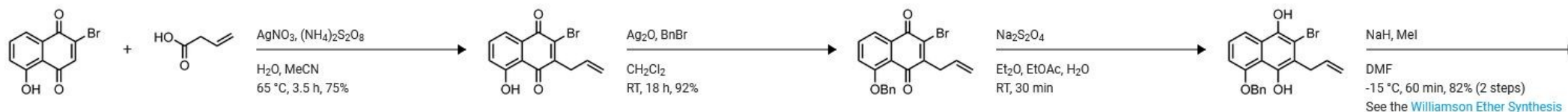


Équilibre céto-énolique :



## Annexe 2 : Synthèse proposée par K.C. Nicolaou en 2007

Part 1 of 3

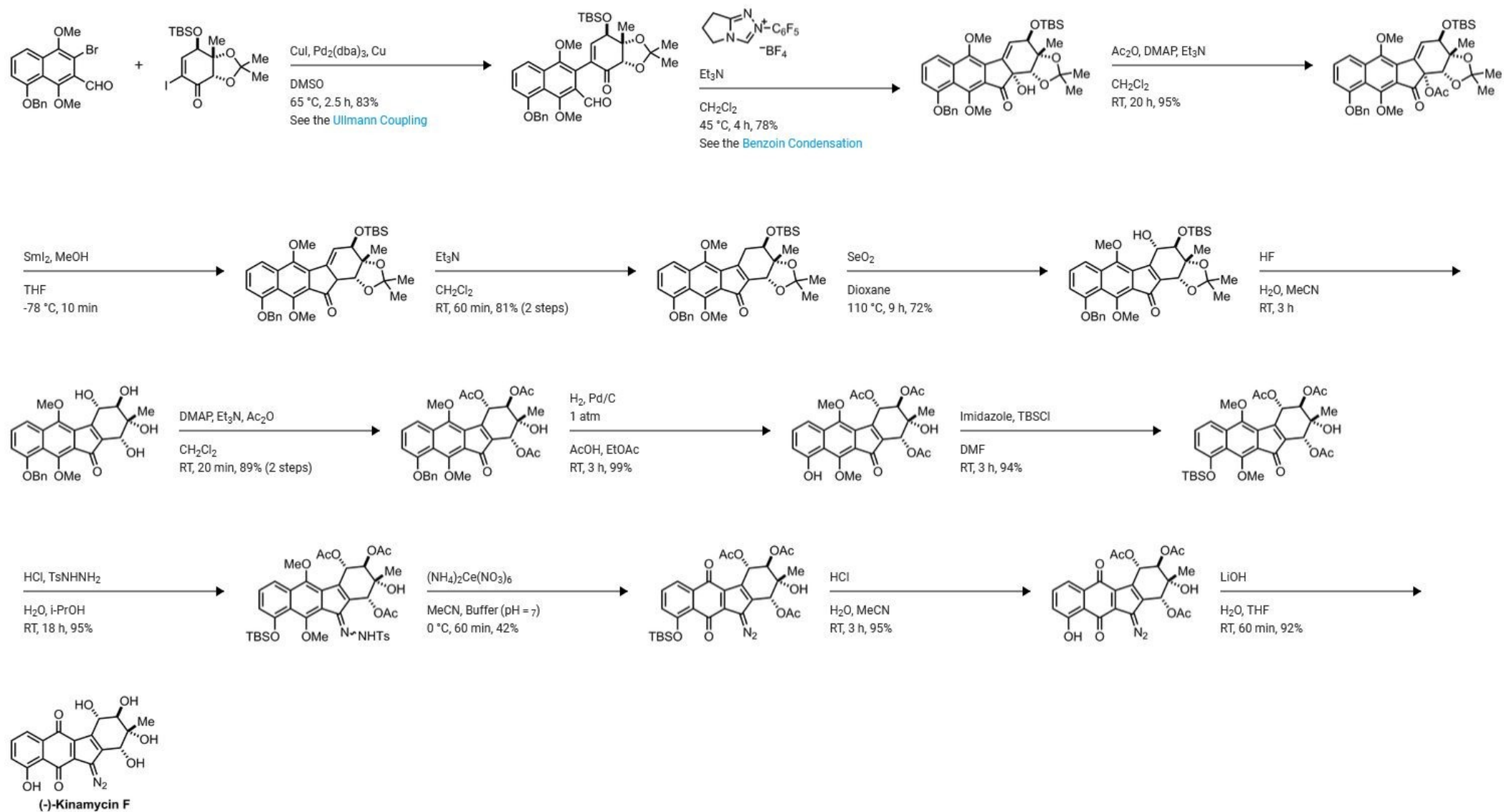


**Bn = groupe Benzyle =  $\text{Ph}-\text{CH}_2-$**

Part 2 of 3



Part 3 of 3



Ac = groupe Acétyle =  $\text{CH}_3\text{-(C=O)-}$