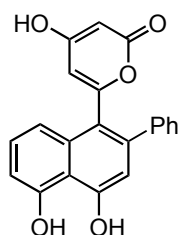


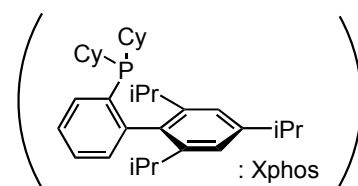
1)  $\text{LDA}, \text{tert-butyl acetate}, \text{THF}, -78^\circ\text{C}$ , then **B**, 4 h  
 76%

2) 5 mol%  $\text{XphosAuNTf}_2, \text{MeNO}_2$   
 rt, 2 h, 78%

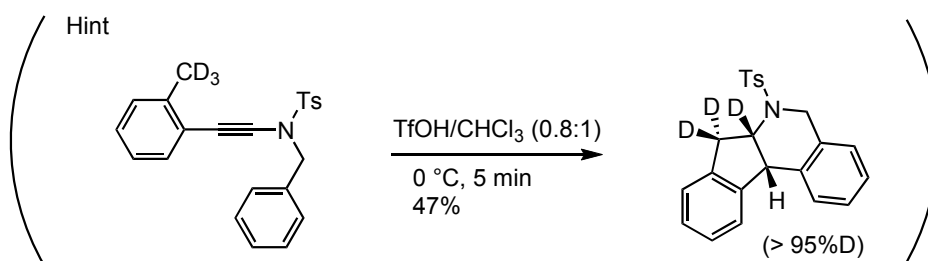
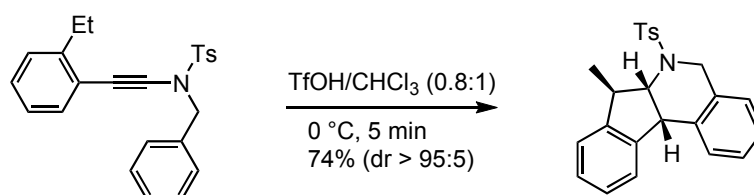
3)  $\text{H}_2$ , cat.  $\text{Pd/C}, \text{EtOAc}$   
 rt, 12 h, 94%



Wailupemycin G

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Propose reaction mechanisms for the following reaction.



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