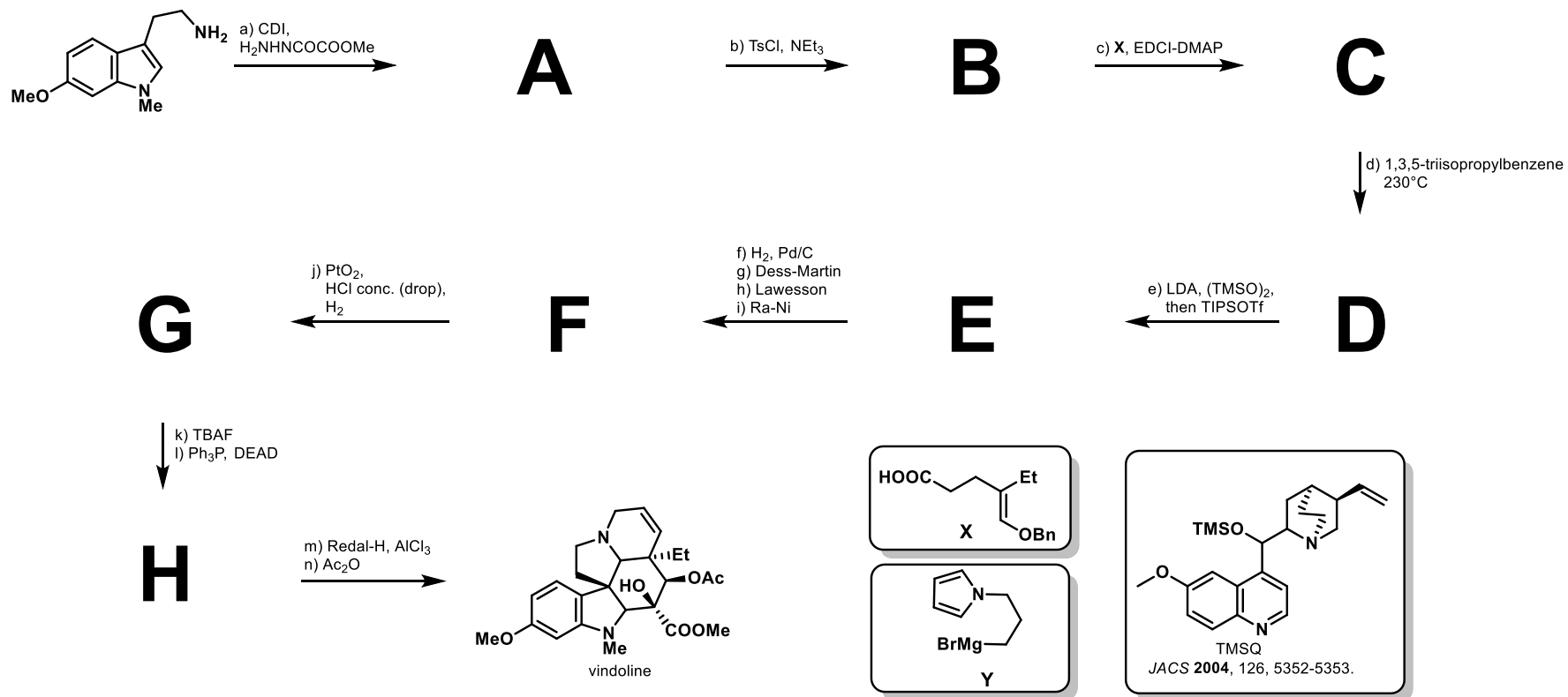
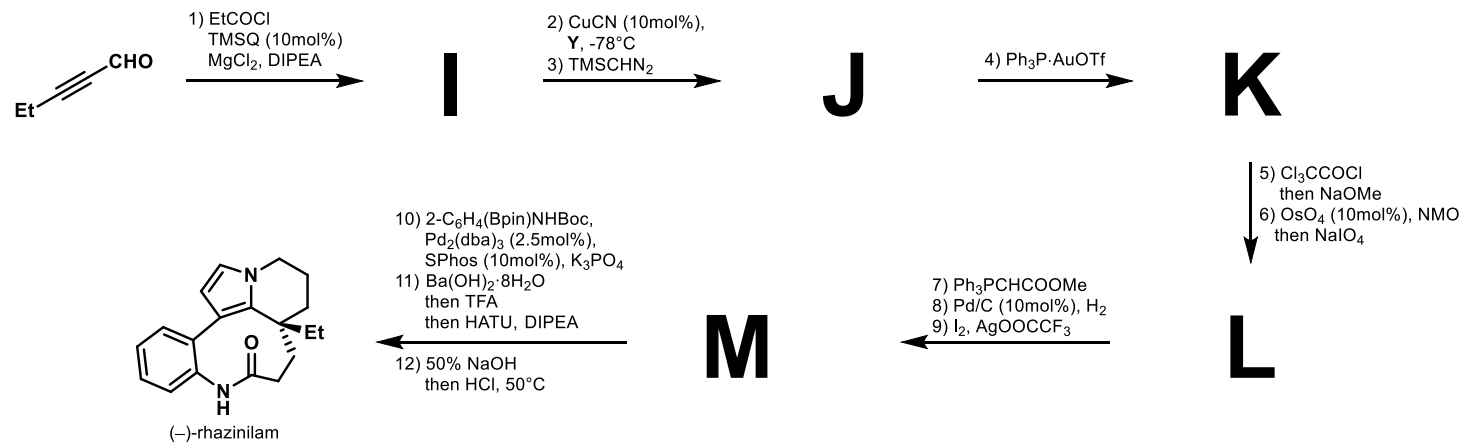


## Total Synthesis of Vindoline



## Total Synthesis of (-)-Rhazinilam



think about: why does he need step 5)?