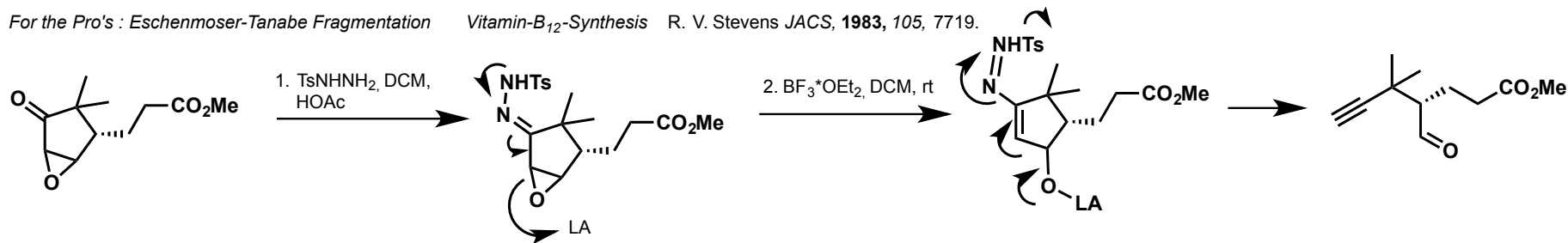
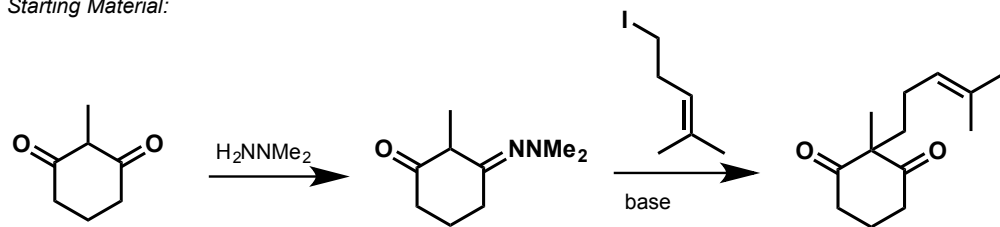


For the Pro's : Eschenmoser-Tanabe Fragmentation Vitamin-B₁₂-Synthesis R. V. Stevens *JACS*, **1983**, 105, 7719.

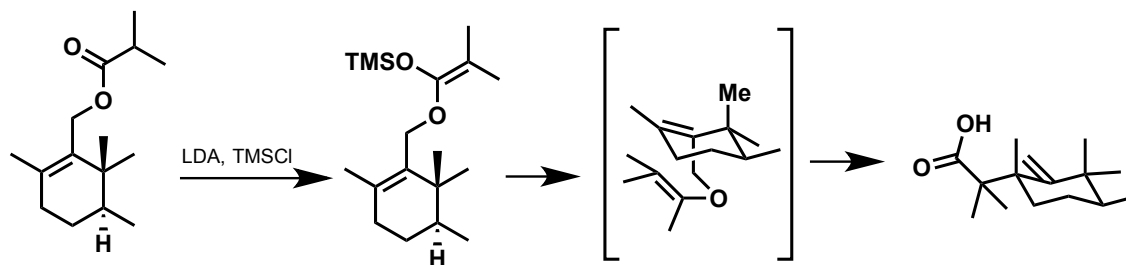


Starting Material:



enhance C - nucleophilicity by hydrazone formation to avoid O - alkylation

Ireland-Claisen:



Shapiro reaction:

