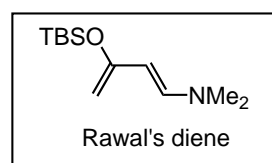


Q1: Propose reagents and conditions to convert **A** into **B**.

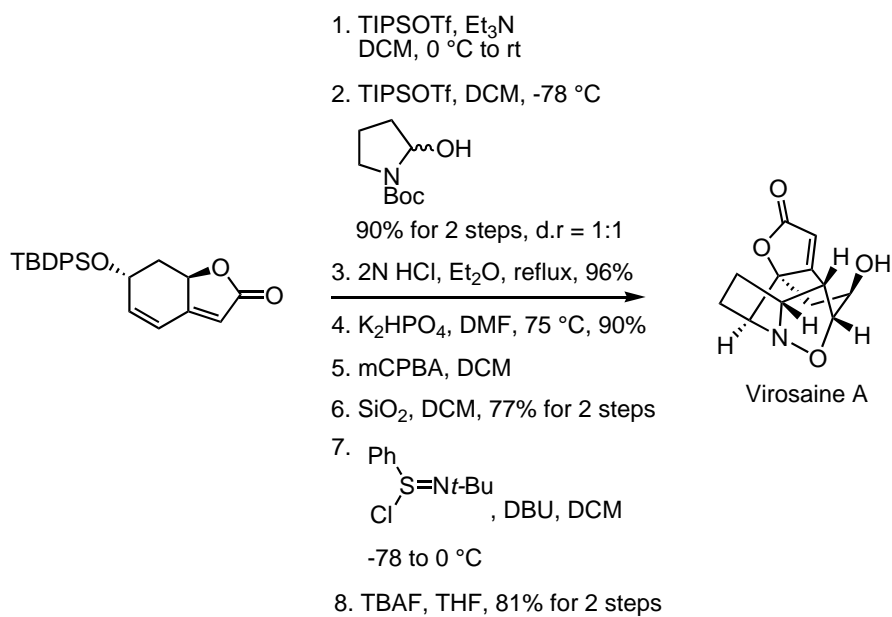
Q2: Propose reagents and conditions to convert **B** into **E**.

Q3: Give reasonable explanations throughout the synthesis.



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