

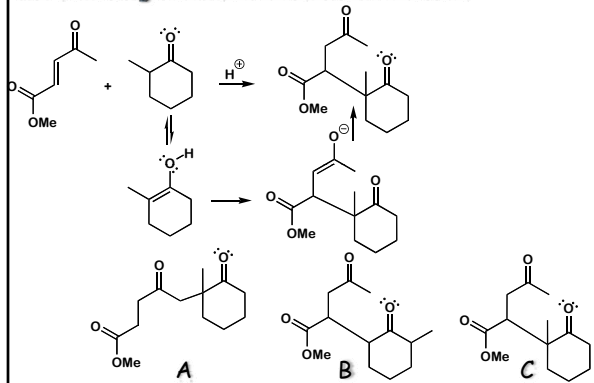
## Room Assignments for Exam 2

Exam Room	Course ID From	To
ESS 001	6001	6114
Old Chemistry 116	6115	6214
Humanity 1003	6215	6265

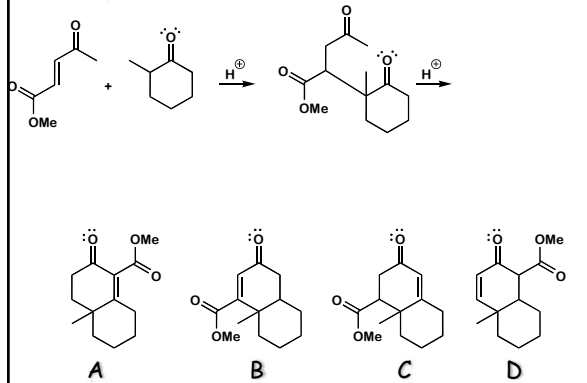
## Exam Review. An approach to Guanacastepene A.



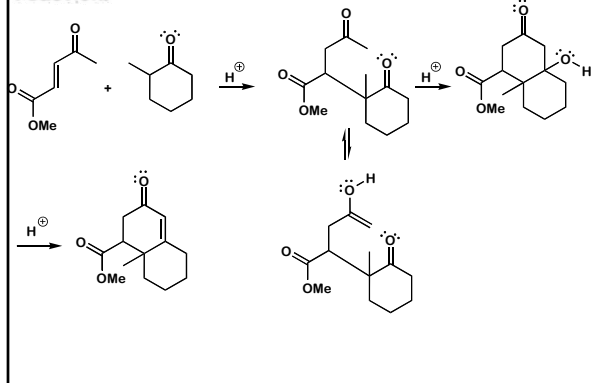
Predict the first intermediate (Michael addition) of the following Robinson annulation reaction.



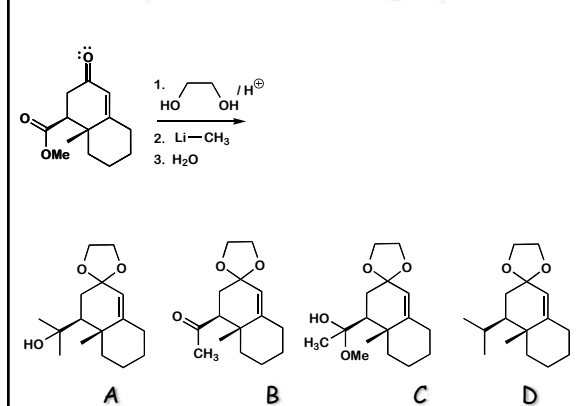
Predict the final product of the Robinson annulation reaction.



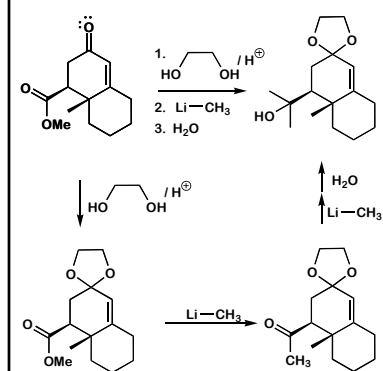
Predict the final product of the Robinson annulation reaction.



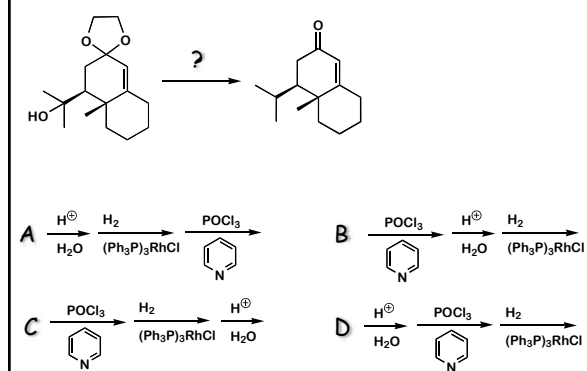
Predict the product of the following sequence.



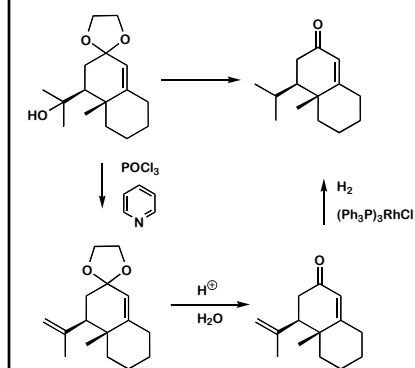
How could the following conversion be accomplished?



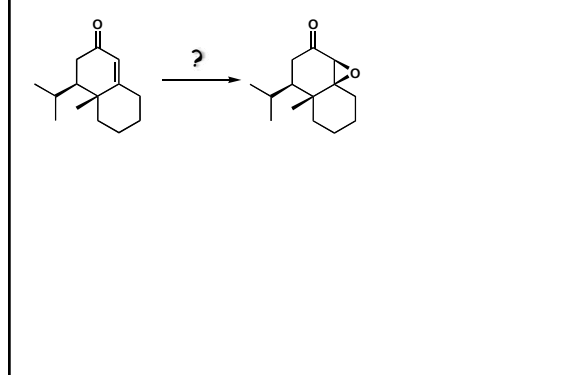
How could the following conversion be accomplished?



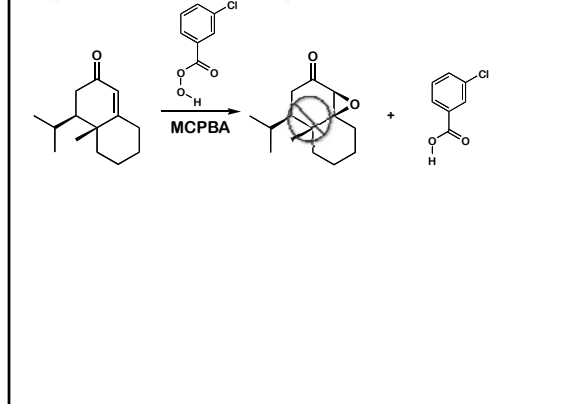
How could the following conversion be accomplished?



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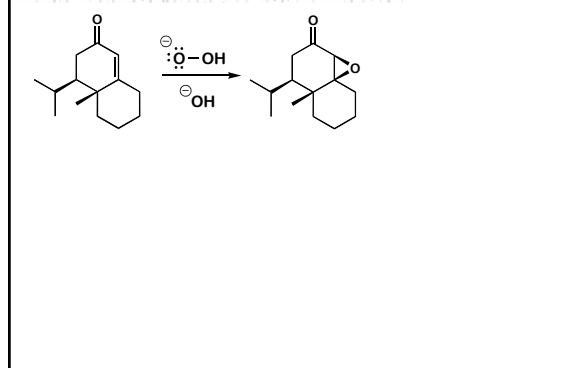


Why does MCPBA fail to epoxidize the double bond?

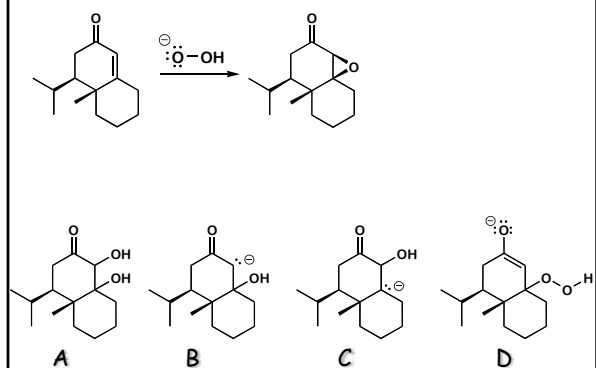


Are alternative methods known?

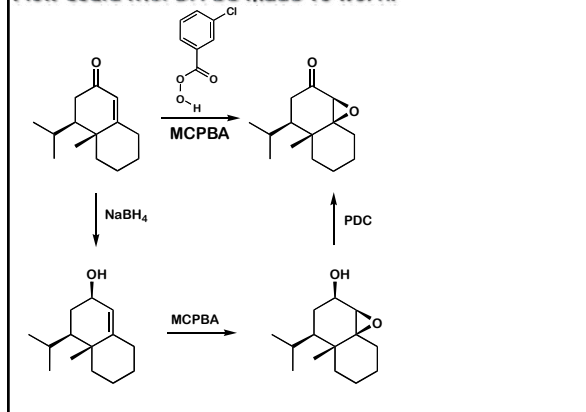
Draw a mechanism for this reaction.



Choose an intermediate in the reaction mechanism.

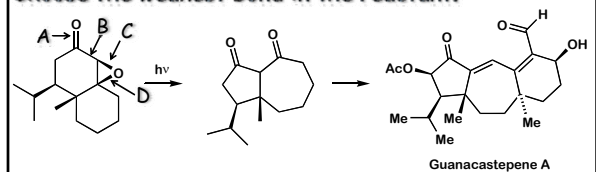


How could MCPBA be made to work?



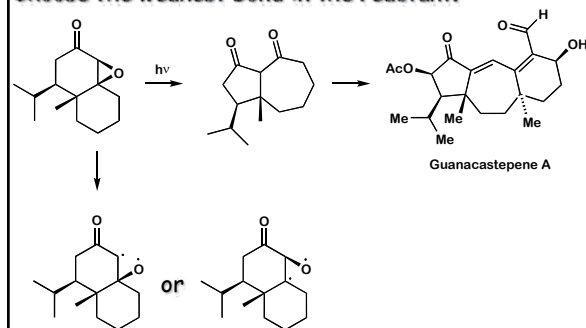
How does this reaction occur?

Choose the weakest bond in the reactant.

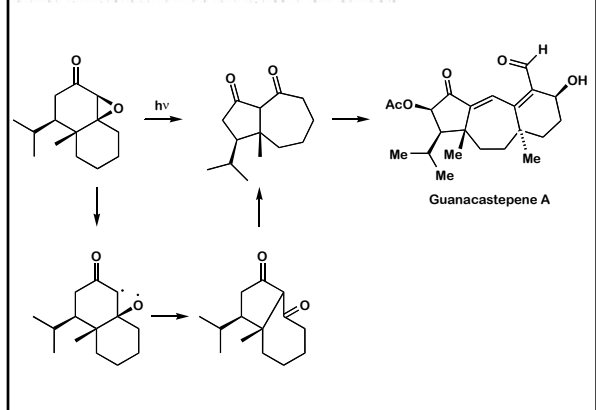


How does this reaction occur?

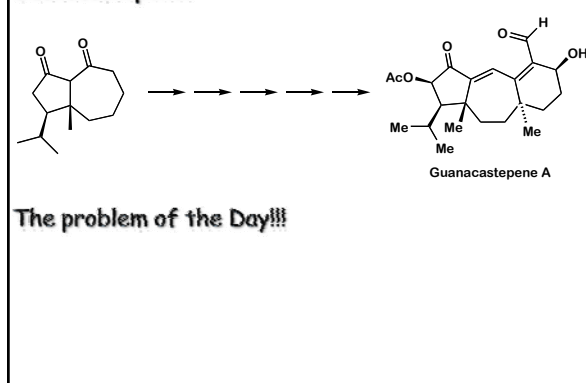
Choose the weakest bond in the reactant.

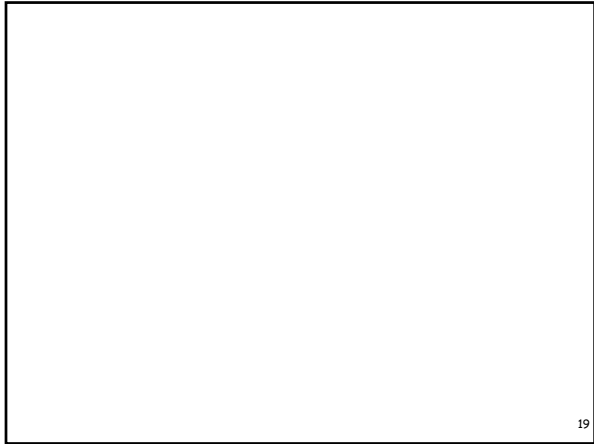


How could MCPBA be made to work?



How could the diketone be converted into Guanacastepene?





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