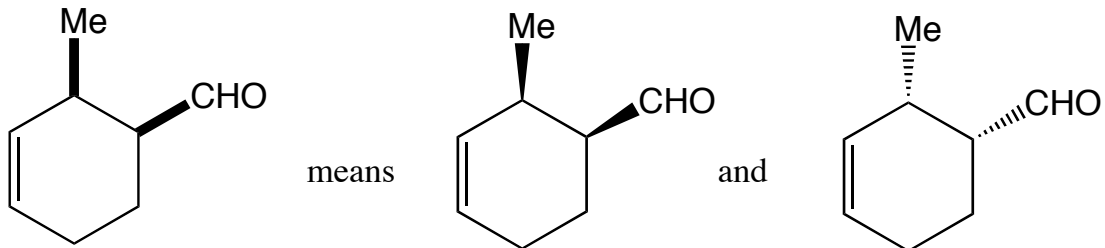


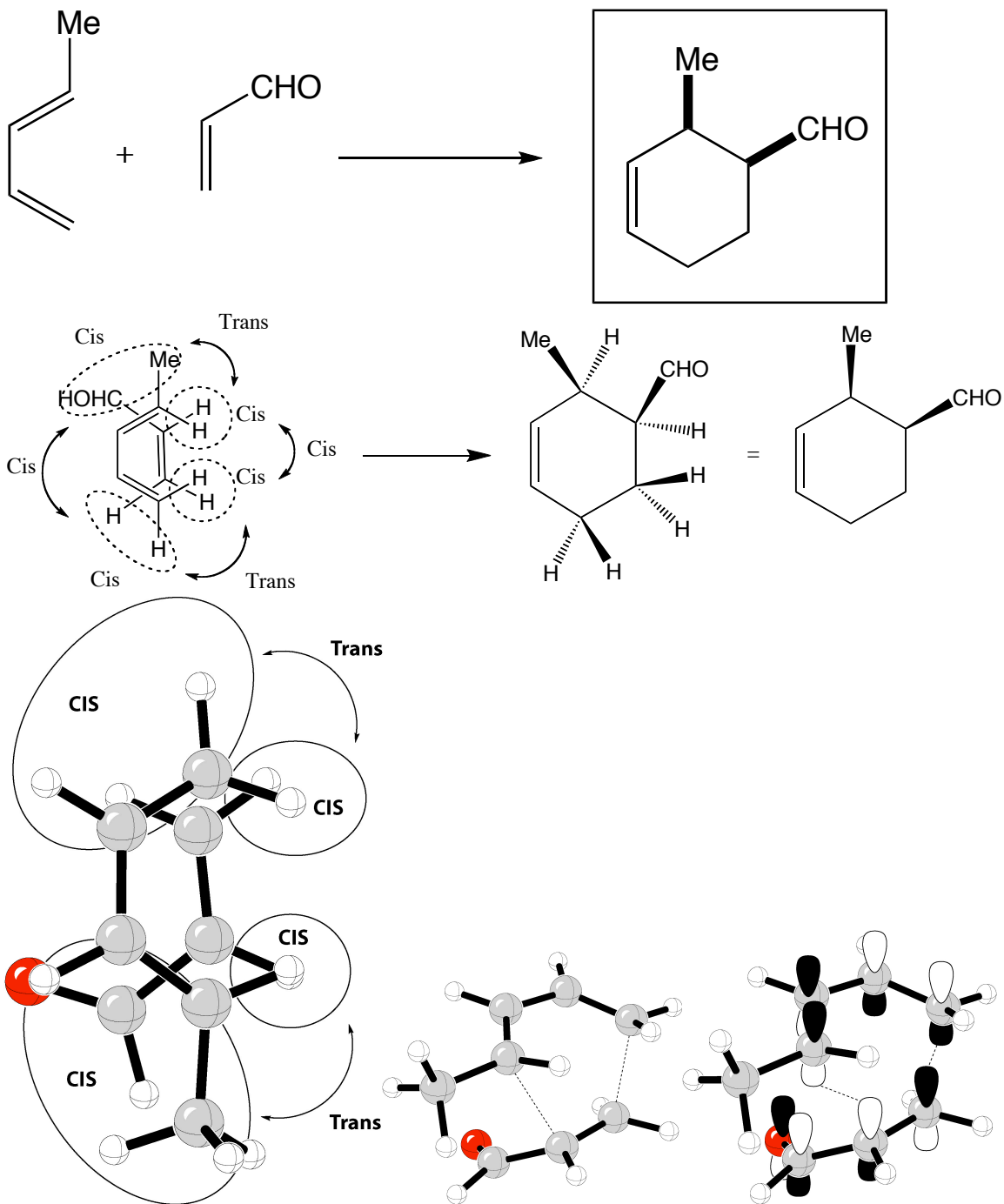
Remember...



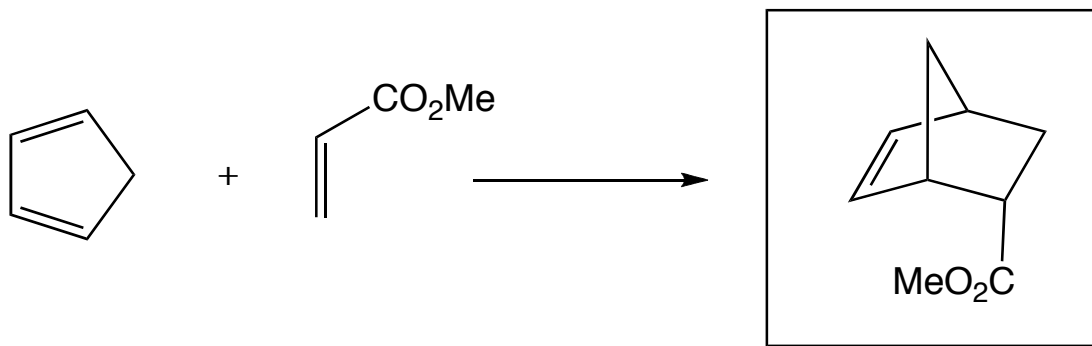
in other words, flat wedges and dashes signify relative stereochemistry only!

Practice Problems. Remember to show all stereochemistry
Diels-Alder

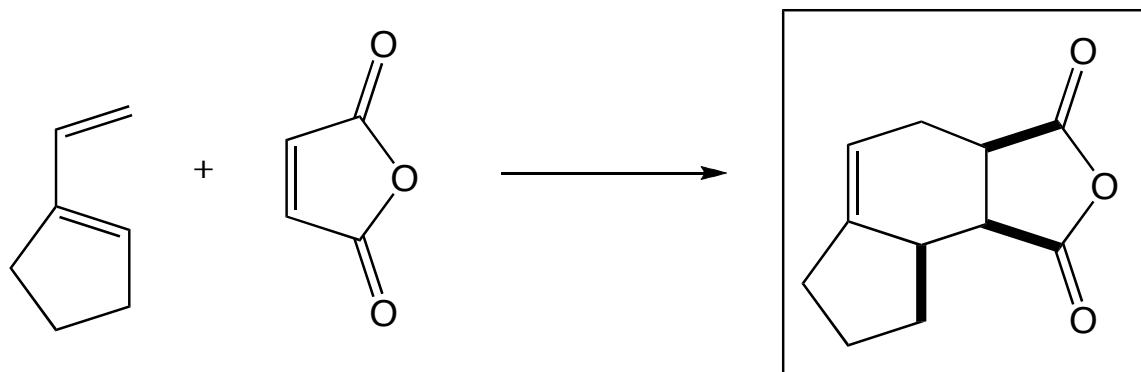
1.



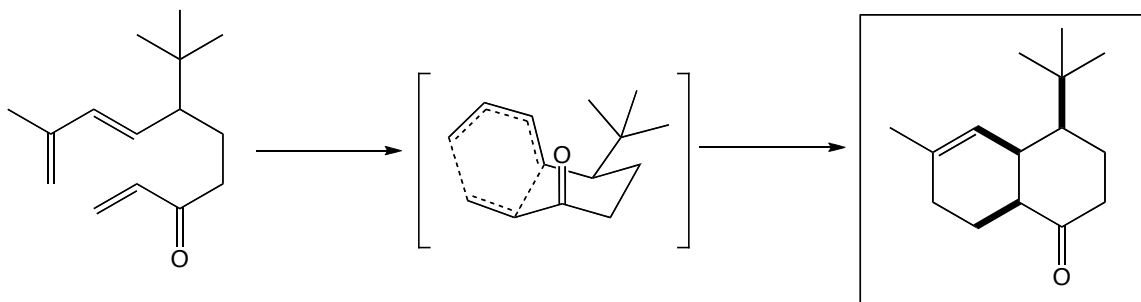
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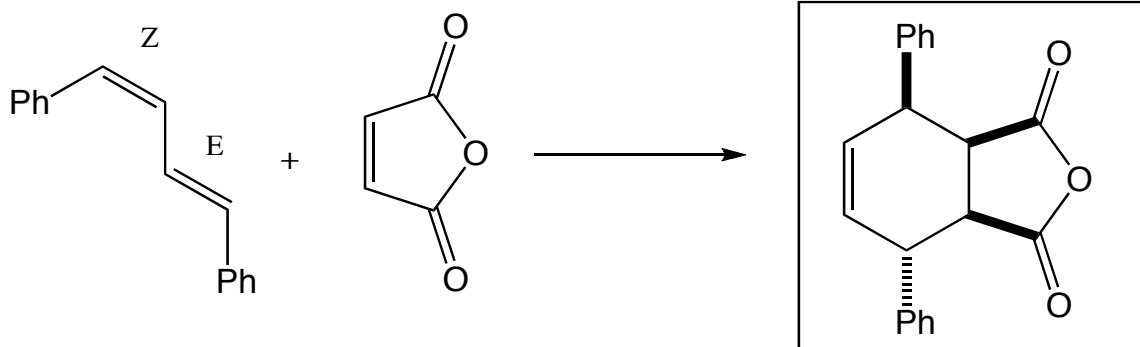
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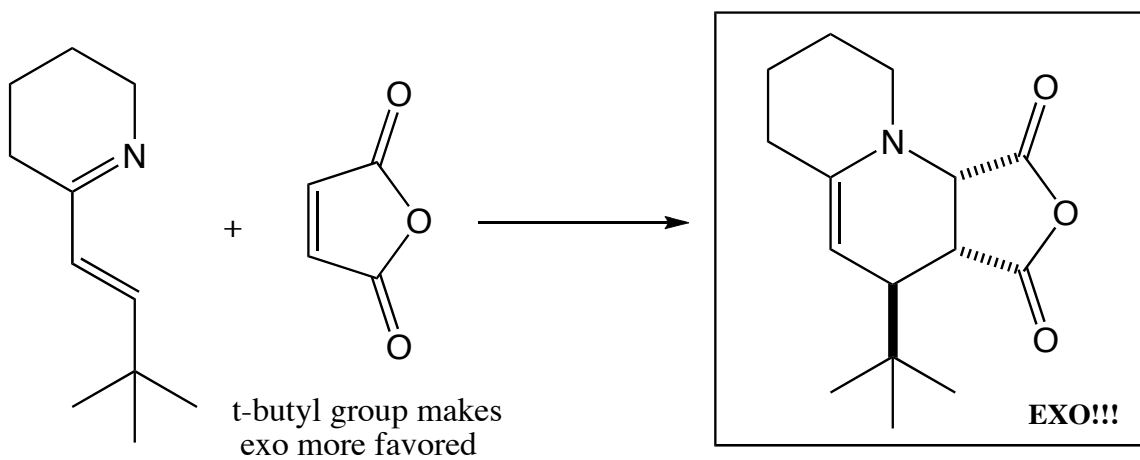
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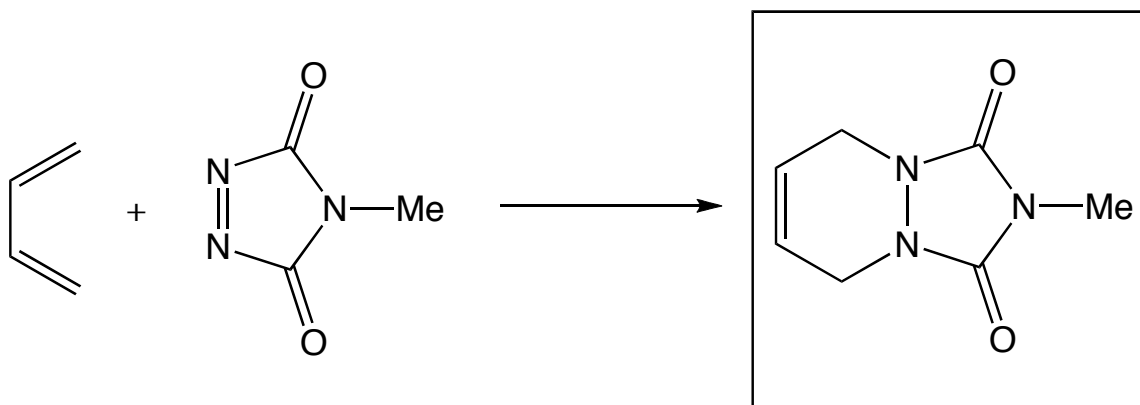
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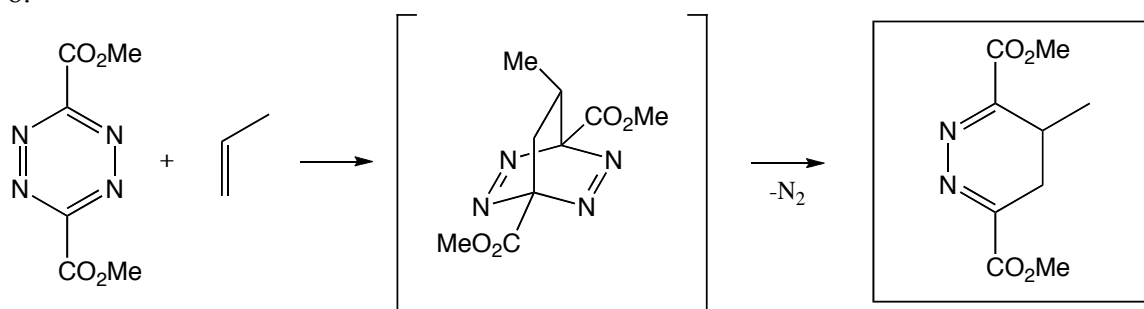
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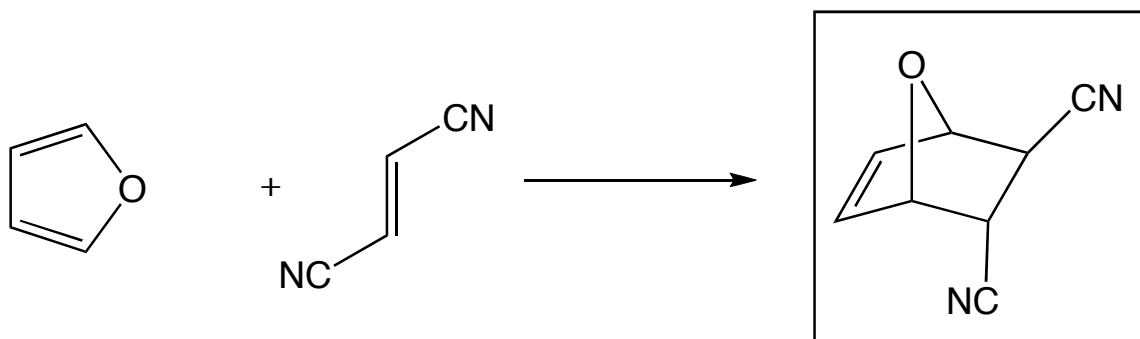
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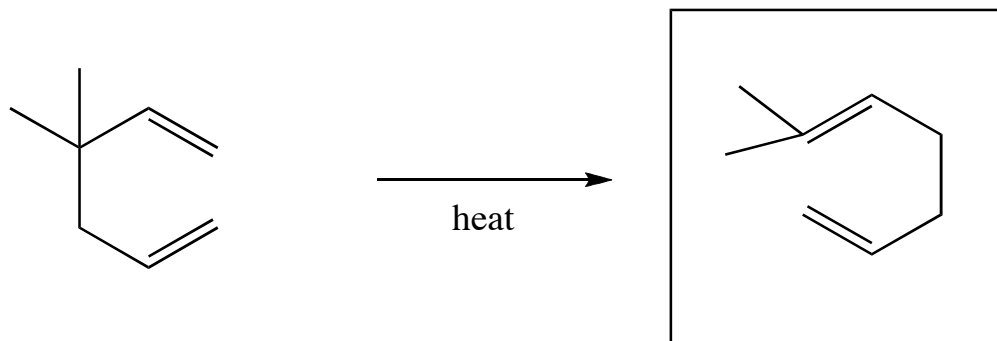
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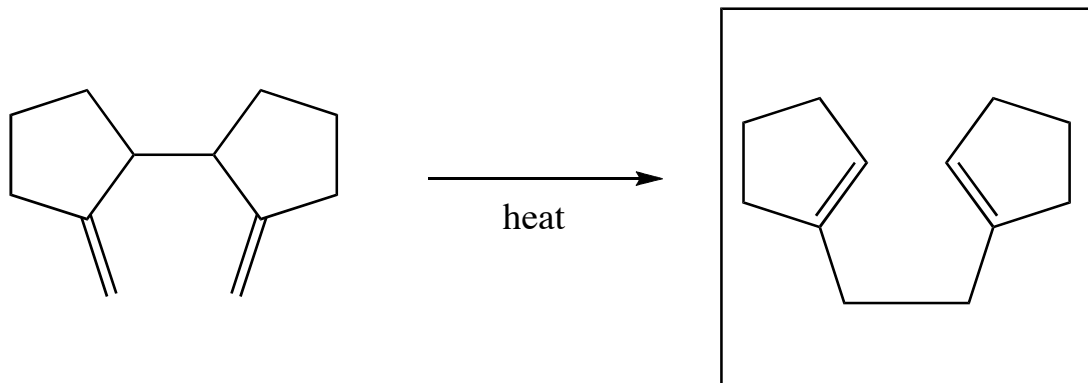
9.



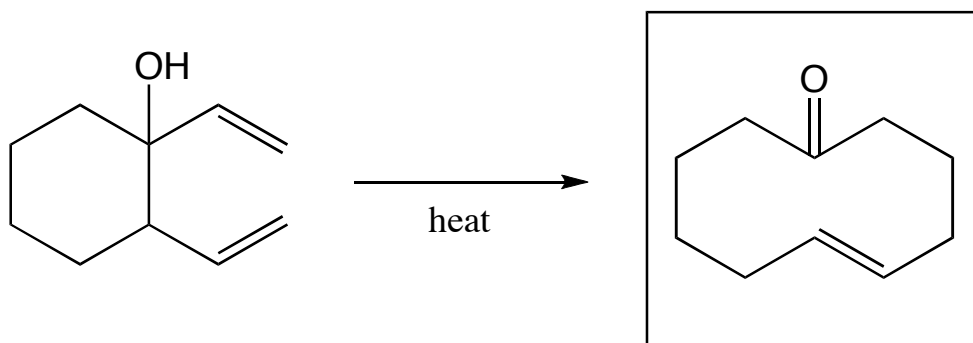
Cope
10.



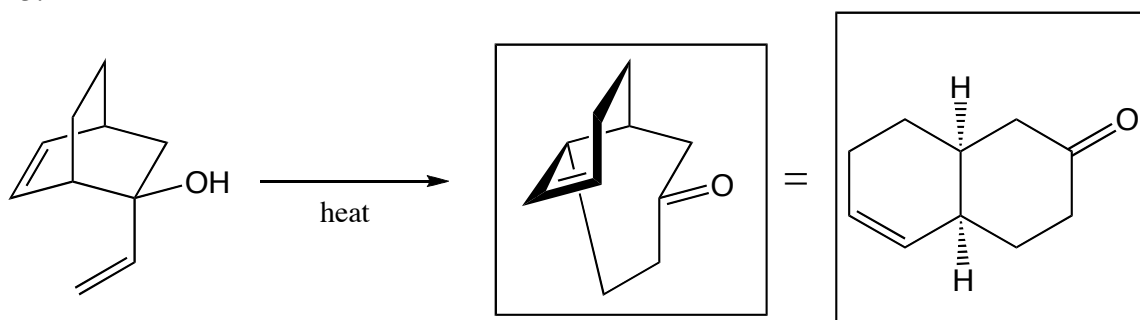
11.



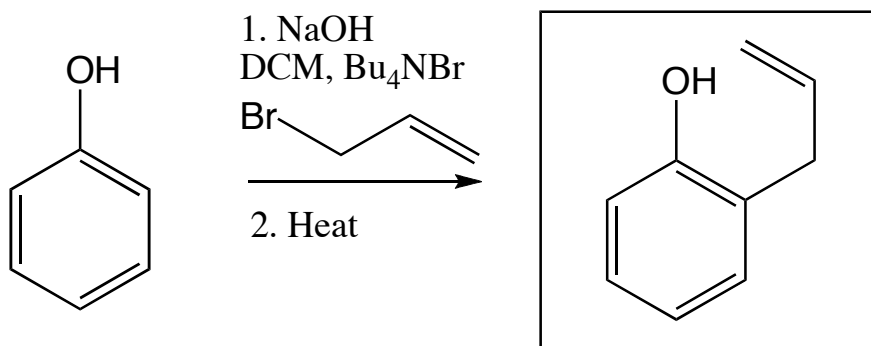
12.



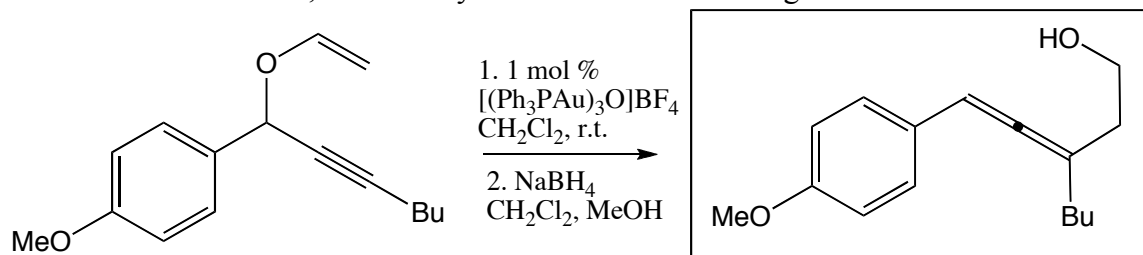
13.



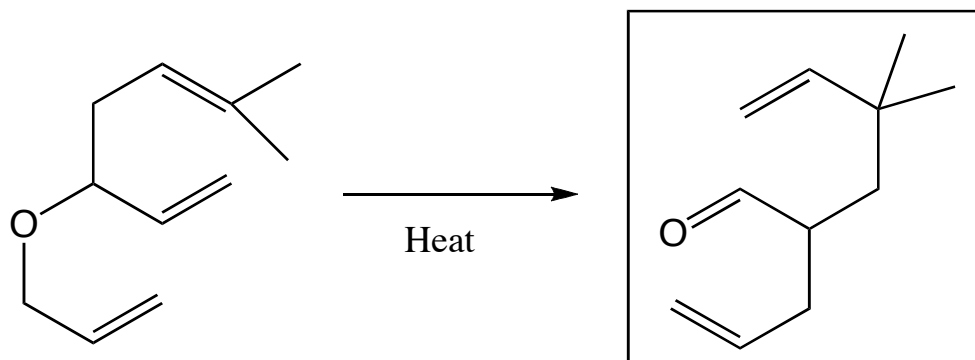
Claisen
14.



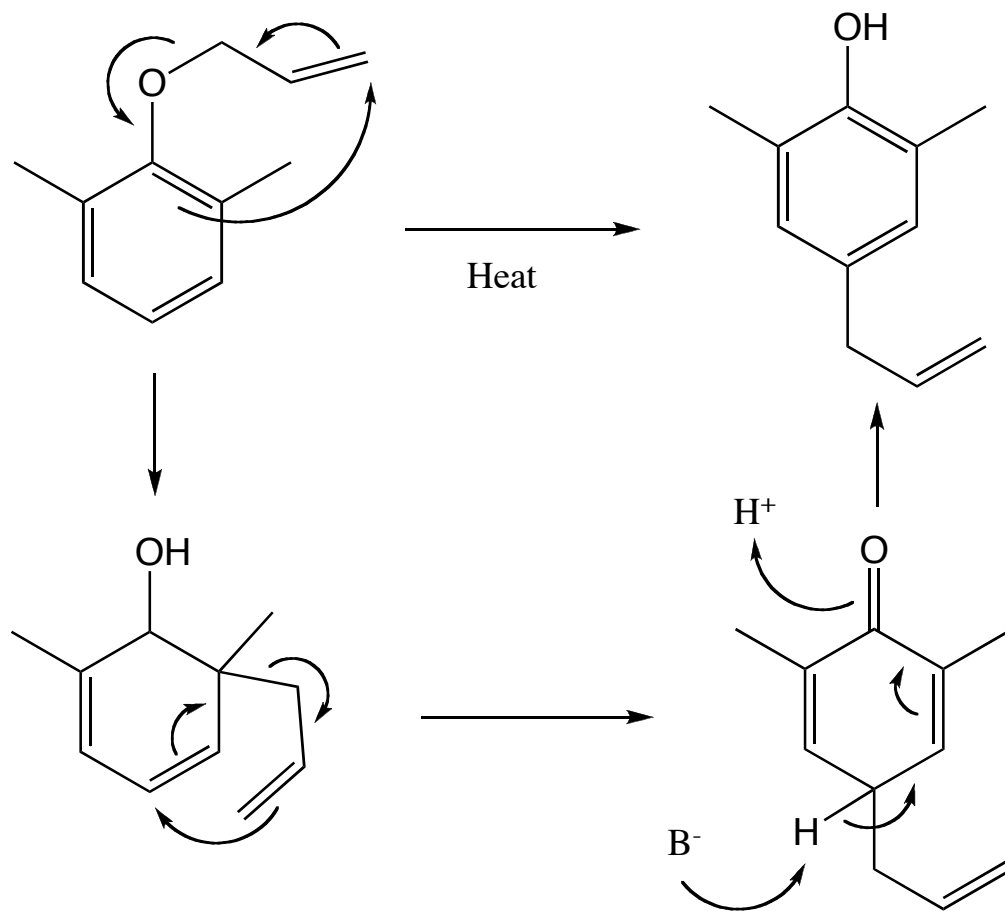
15. Allene intermediate, Gold catalysts is for Claisen rearrangement



Combo:
15.



Mechanism
16.



17. (Carroll rearrangement)

