

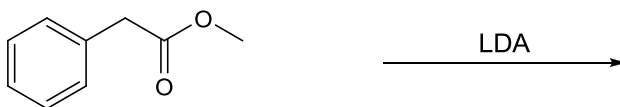
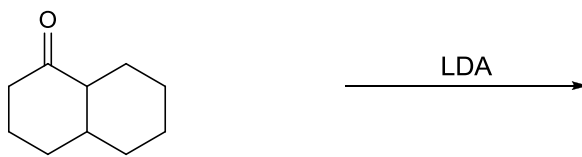
# Seminar zur Vorlesung Organische Chemie 5. FS

Übungsblatt Nr. 9

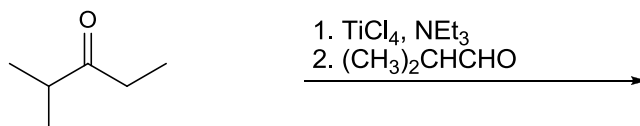
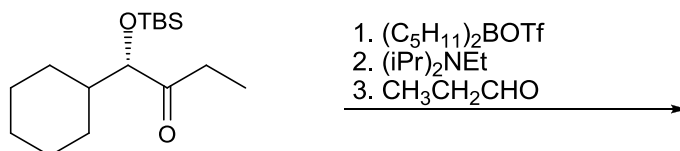
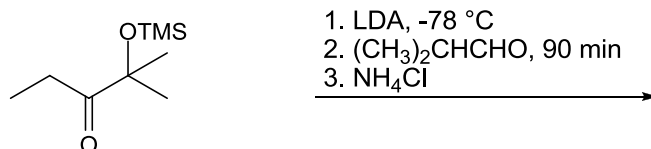
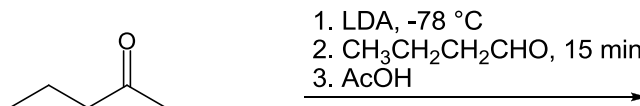
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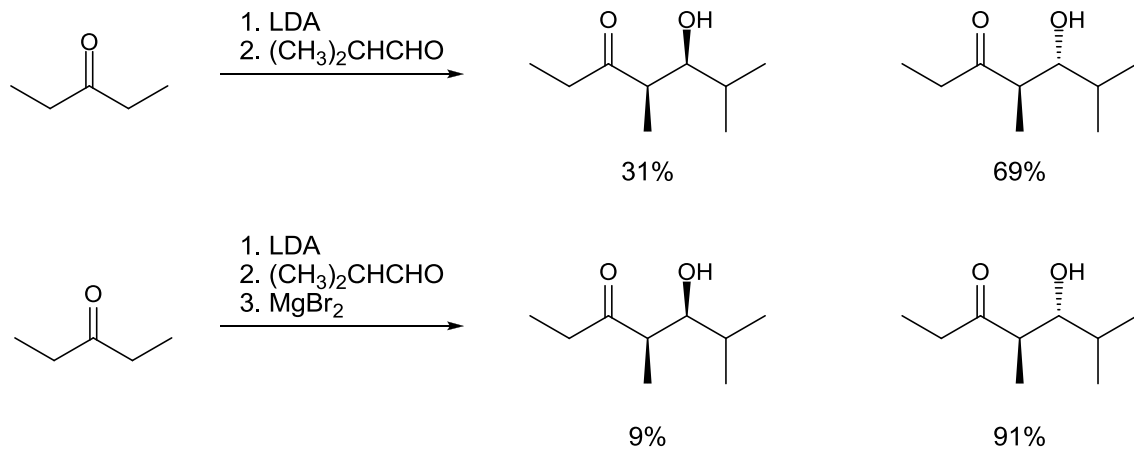
1. Sagen Sie voraus, welche Enolate unter kinetischer Kontrolle gebildet werden.



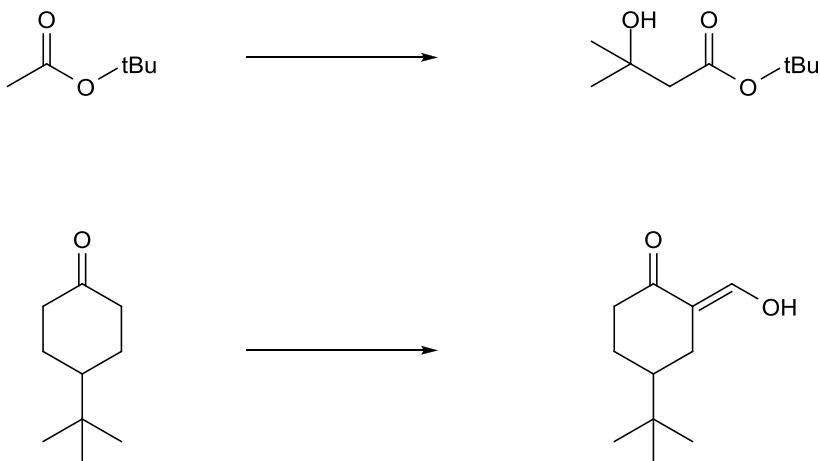
2. Vervollständigen Sie die Reaktionsgleichungen. Geben Sie an welche Stereoisomere gebildet werden.



3. Erklären Sie folgenden Befund bei Reaktionen, die unter thermodynamischer Kontrolle verlaufen.

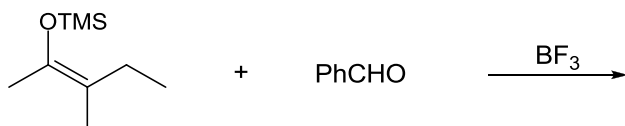


4. Wie können die skizzierten Umsetzungen erreicht werden?



5. Welche Reaktionsprodukte entstehen bevorzugt? Diskutieren Sie die Übergangszustände.

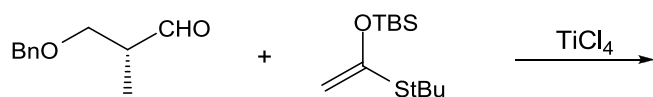
a)



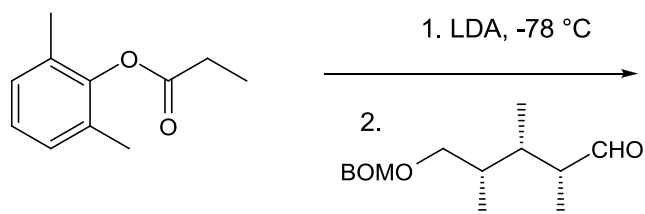
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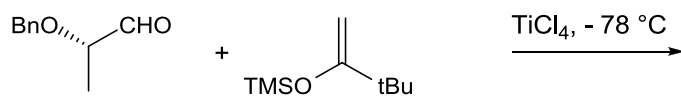
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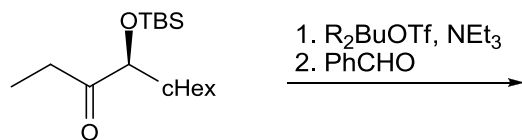
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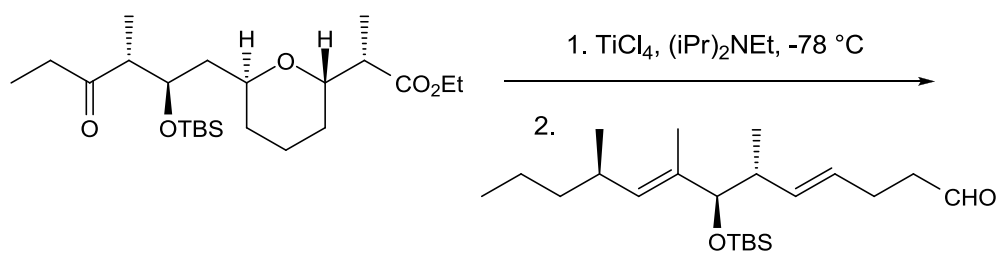
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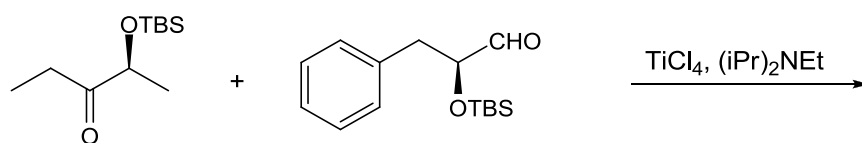
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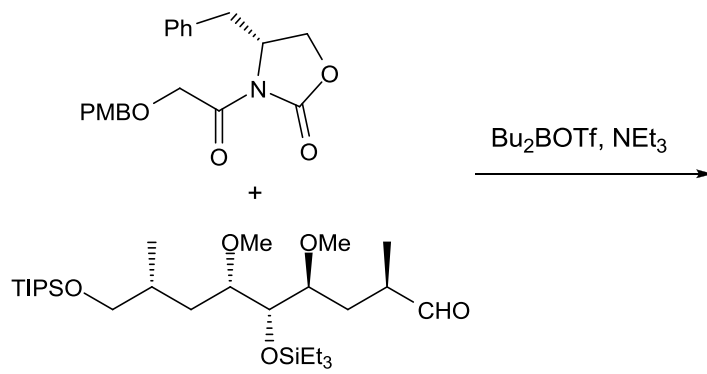
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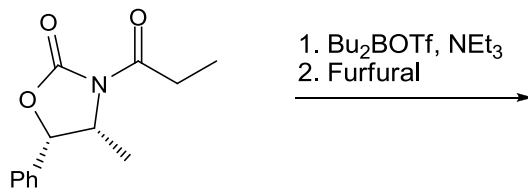
h)



i)



j)



k)

