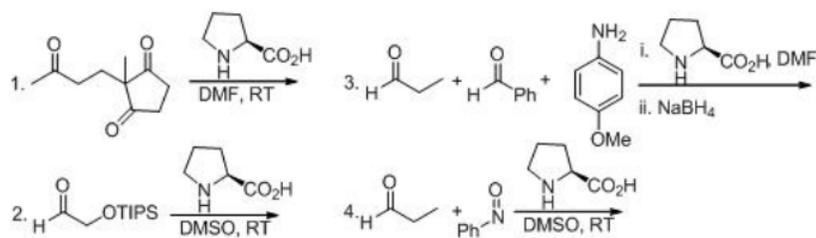


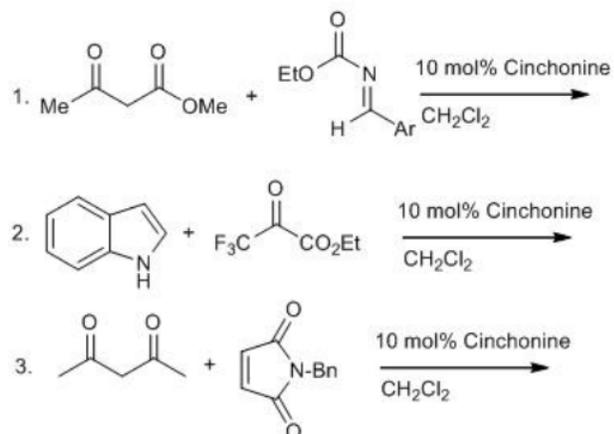
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Problems

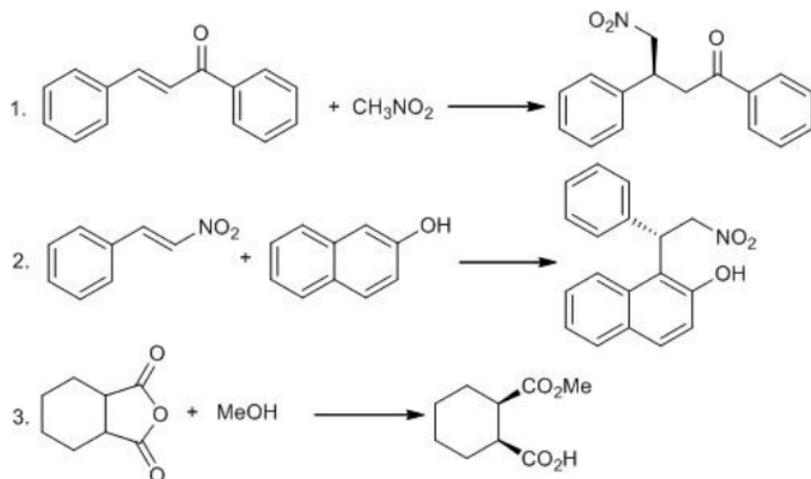
Complete the following reactions.



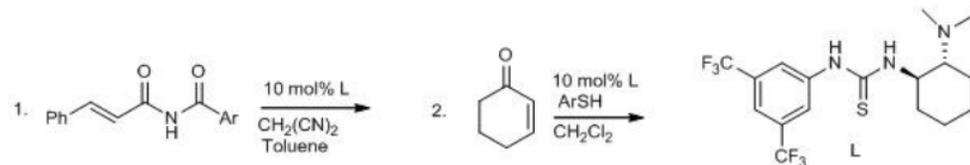
Complete the following reactions.



How will you carry out the following using thiourea based organocatalysis?



Complete the following reactions.



Reference/Text Book

- I. Ojima, *Catalytic Asymmetric Synthesis* , 3 rd ed., Wiley, New Jersey, 2010.
- M. B. Smith, *Organic Synthesis* , 2 nd edition, McGraw Hill, New Delhi, 2004.

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