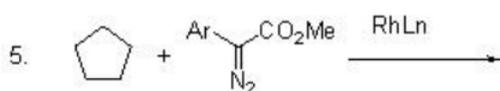
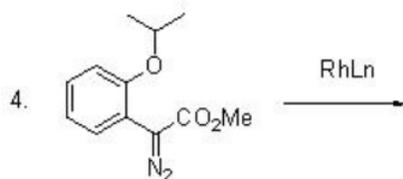
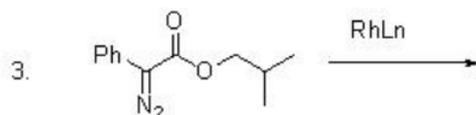
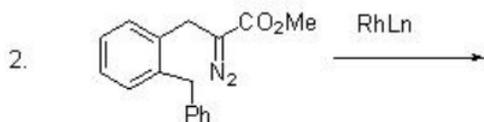
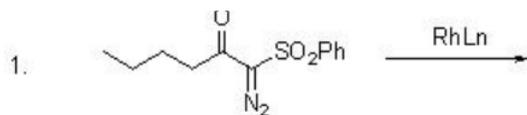
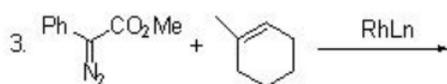
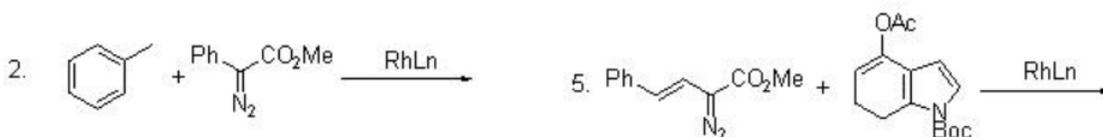
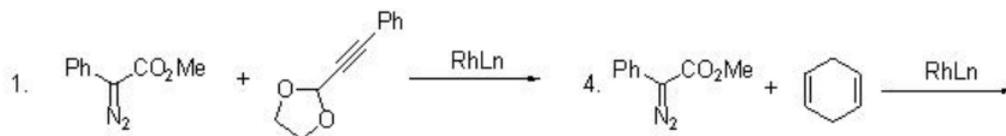


### 3.3: Problems and Reference

Complete the following reactions.

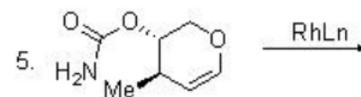
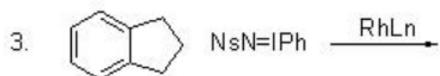
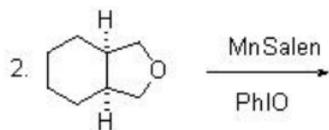
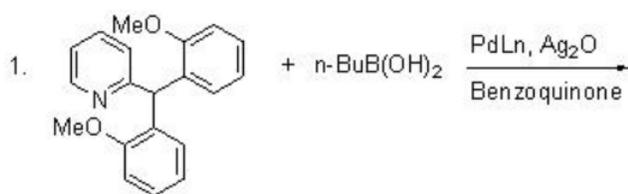


What product would you expect from the following reactions?



Describe rhodium catalyzed combined C-H activation and cope rearrangement reactions.

Predict the major product for the following reactions.



### Reference/Text Book

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

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